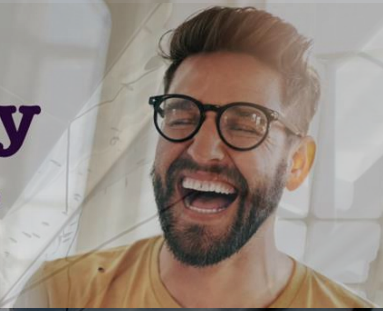




I  my  
career



# COLUMBIA ATDC

August 30, 2023



Venkata Achanti, Vice President, Cloud & Custom Applications, Atlanta



Bob Adams, Senior Director, Financial Services, Columbia




Kyle Carhart, Developer Lead, Cloud & Custom Applications, Columbia



Anna VanDuzer, Recruitment Lead, Columbia

# CAPGEMINI GROUP IS ONE OF THE WORLD'S LARGEST MANAGEMENT AND IT CONSULTING COMPANIES...

Delivering solid and sustainable performance 



**358,000+**  
employees in nearly **50** countries



We are 325,000 people passionate about helping our clients solve their most complex business and technology challenges, and we deliver transformational outcomes, at scale.

We are driven by the conviction that the business value of technology comes from and through people.

Capgemini Group's core offer is supported by three specialized sub-brands that enable a full suite of end-to-end solutions for our clients.



Capgemini Invent is the Group's digital innovation, consulting and transformation brand.



Sogeti is the Group's proximity technology brand.



The leader in engineering and R&D services. We unleash R&D's potential to help our clients develop smart products & services of tomorrow.

## Our Brand Promise

**Our Brand Promise**  
**Get The Future You Want**  
Unlock the value of technology to transform your business

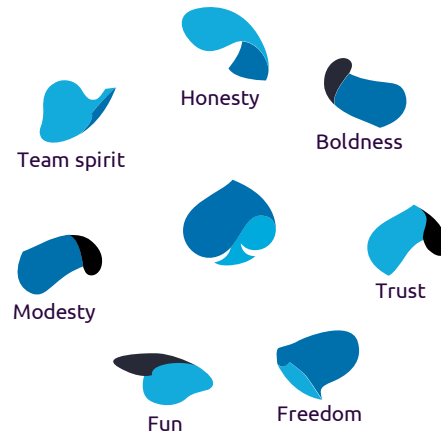
## Our Purpose

**Our Group's Purpose**  
Unleashing human energy through technology for an inclusive and sustainable future.

## Our Brand Embodies

**Human, dynamic and precise**  
Our brand identity showcases our true nature and our difference. We are proud to carry our **50+ years'** legacy into the future through technology, and our human touch.

## 7 Founding Values



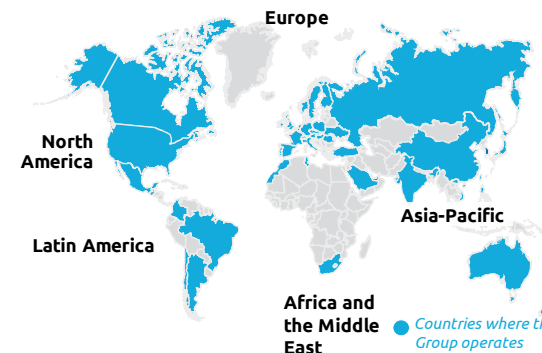
**Global leader in consulting, digital transformation, technology, and engineering services**

## Portfolio of offers

- Customer Experience
- Cloud
- Cybersecurity
- AI & Analytics
- Digital Manufacturing
- Digital Core with SAP S/4HANA®
- ADMnext

## Key market units

- Consumer Goods & Retail
- Energy & Utilities
- Financial Services (Banking, Capital Markets & Insurance)
- Manufacturing & Life Sciences
- Public Sector
- Telecom, Media & Technology
- Services



-----> **2022 full year results** <-----

**21B Euros**

REVENUE

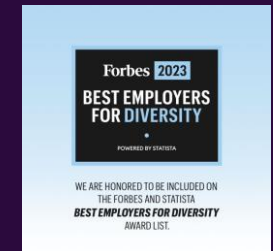
**13%**

OPERATING MARGIN

-----> **Architects of Positive Futures** <-----

• Diversity •

Leveraging a diverse and inclusive work environment where our people can thrive and bring enhanced value to our clients



• Digital inclusion •

Helping make the digital revolution an opportunity for all and be the bridge between technology and society

• Environmental sustainability •

Reducing our environmental impacts and supporting clients with theirs



A recent grad in computer science or computer information systems. We could be the best next step on your career path.

**YOU  
ARE**



## MY WISH LIST



"I want to build on my education with training and certifications."



"I'm looking for challenges and networking opportunities."



"I want the excitement of working closely with a small team of colleagues."



"I want the opportunities and security of working for a large, global firm."



## COLUMBIA DELIVERY CENTER



We help clients leverage the cloud



Product Oriented Delivery (POD) service model



Full development lifecycle: End-to-end delivery of systems, services, and solutions



Opened October 2017. Currently ~ 250 developers, data scientists, and analysts. Average age: mid-20s



Open floor plan with grouped desks to facilitate face-to-face collaboration



Excellent opportunities for face time with your teams





# OUR DELIVERY APPROACH

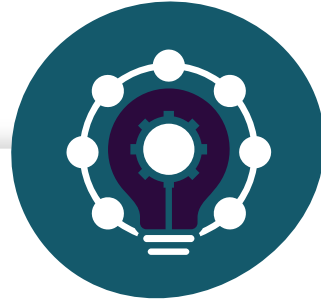
## FOCUSES ON KEYS TO SUCCESSFUL OUTCOMES

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### **Build teams quickly in a POD based model**

Improve development excellence and reduce development time and costs; spend more on business innovation



### **Deliver apps at the pace of innovation**

Develop applications and run a “you-think-it-you-deploy-it” agile DevOps model



### **Embrace Monday’s idea as Friday’s reality**

Build digital customer experiences that deliver revenue growth; transform people and processes for the digital era

Flexible development PODS that offer time zone advantage; can operate seamlessly with our offshore delivery capability

# AZURE CLOUD NATIVE CASE STUDY



Kyle Carhart  
Developer Lead  
Cloud & Custom Applications, Columbia



## Architecture



App Service



Azure Active Directory



Azure Functions



Azure Event Grid



Azure SQL



Azure DevOps

## Frameworks & Tools



React JS



Figma



# 1 Year

Time to build the **MVP from scratch**

# 6 Partners

From large players like:  
**Microsoft, Dropbox, & HelloSign,**  
to smaller partners like:  
**Accusoft or Dynamsoft** that bring OCR  
technology to the table.

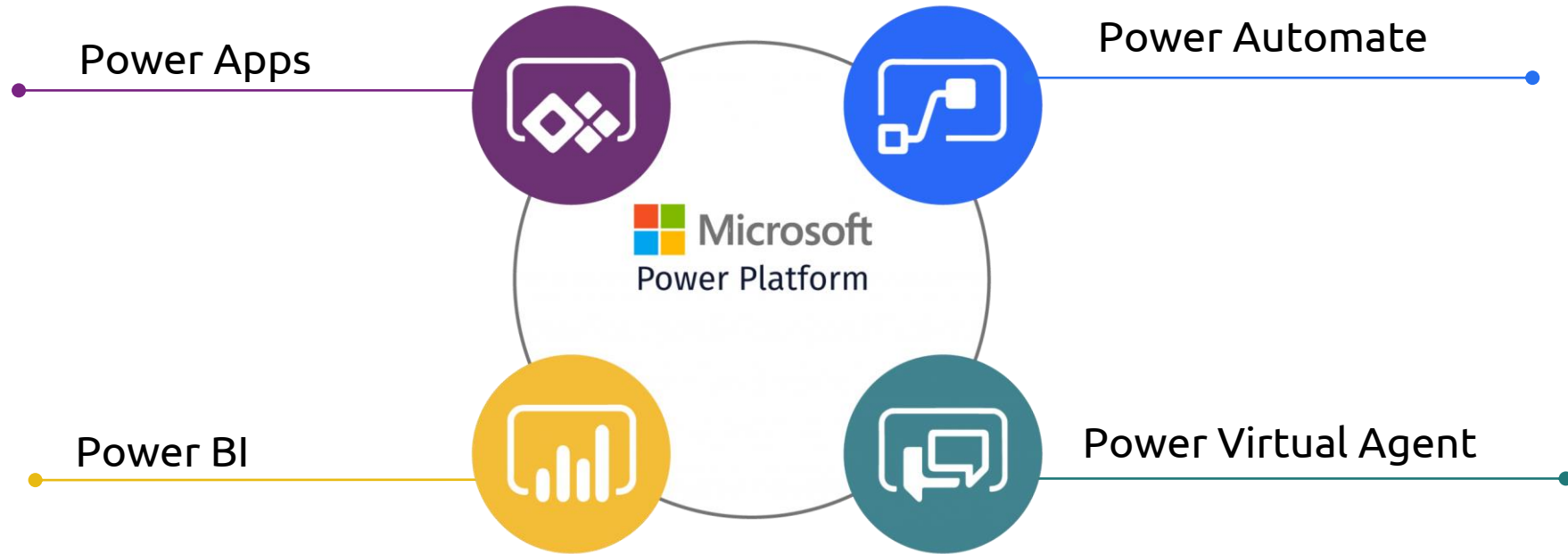
# 22 sprints


Last 2 sprints ~20 FTEs our side.


# BUSINESS APPS ENABLED WITH LCNC




We are investing in Power Platform LCNC capabilities




 Deliver Information

 Gather, Transform, and Display Data

 Create Templates

 Assist Citizen Developers

 Custom Solutions





### Smart Tap



Smart Tap , automated tap opening through scheduled time intervals. The smart tap also track the beer quantity poured each time to create the insights on the usage and popularity

### Smart Tray



# Smart Kitchen

### Smart Canned Food Drive Container

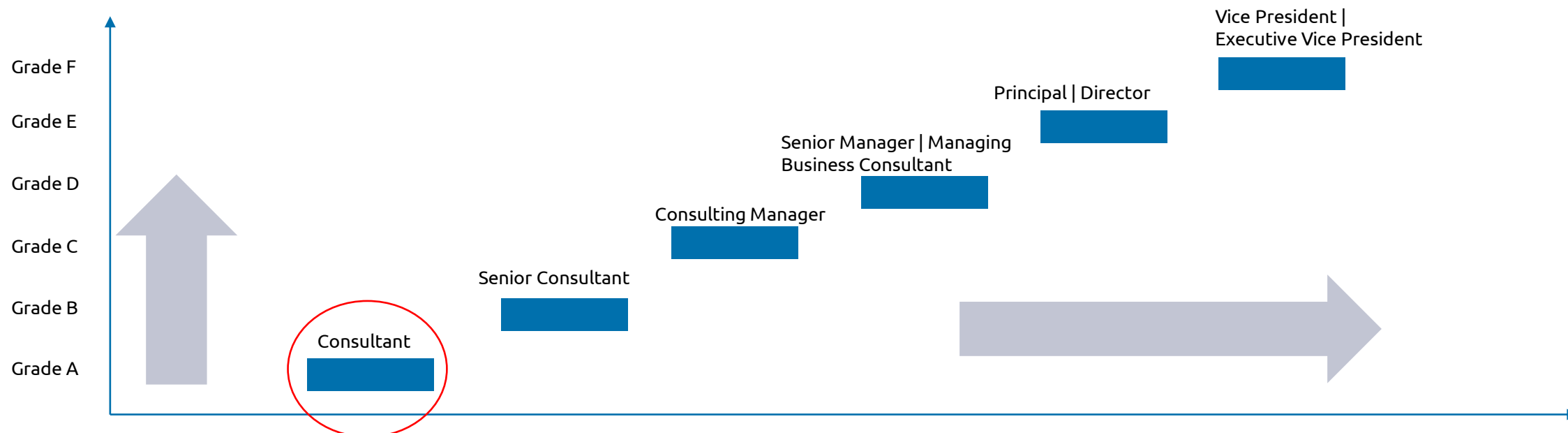
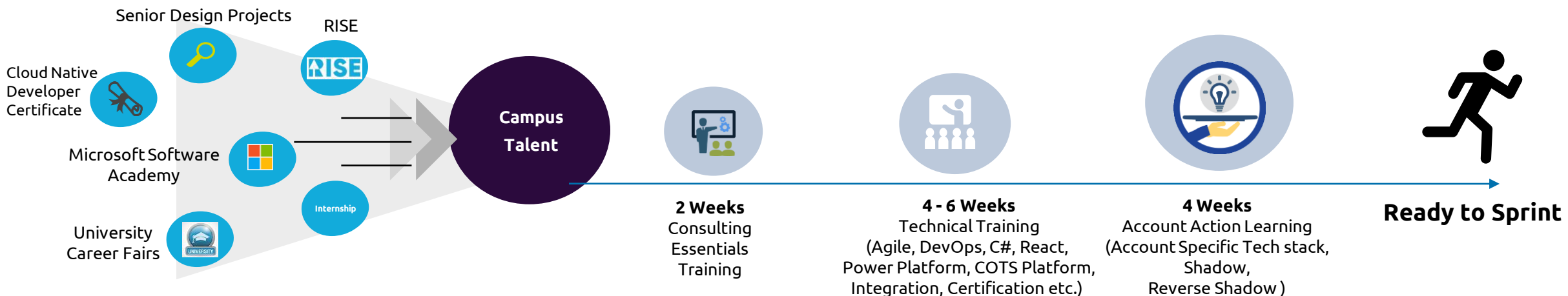


### Smart Herb Garden





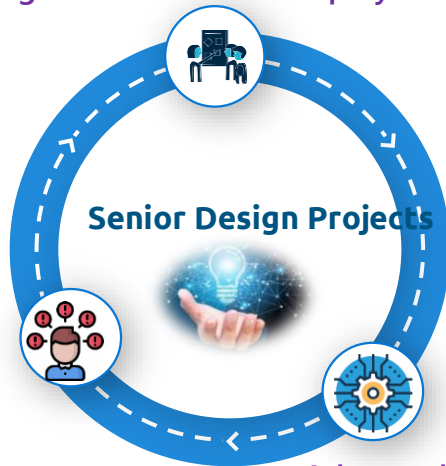
# CAPGEMINI OFFERS ROBUST ONBOARDING & ENVIABLE CAREER PATHS



# HOW TO ENGAGE WITH CAPGEMINI SENIOR DESIGN | CAPSTONE PROJECTS (SAMPLE)



Professional mentoring of the potential next generation future employees



Hands-on, project-based education to resolve real time business problems

Advanced Technology Skills (Cloud computing, IoT, Agile, DevOps)



## Sustainable Smart Garden Automation in Capgemini's Smart Kitchen



To promote a **sustainable culture**, Capgemini decided to create smart gardens in our offices, starting with the Columbia ATDC. The goal is to have sustainable gardens to **improve overall air quality** in the office and **increase community engagement**. Capgemini is working with USC students to design and build a physical smart garden with sensors to **monitor conditions** such as soil moisture level, air temperature, humidity, pH balance and water level, and **decrease human interaction** as much as possible.

The **USC Mechanical Engineering team** is leading the charge on the physical design and build, leveraging modern IoT devices and sensors. **The USC Computer Science team** is developing an application on MS Azure that will allow users to visualize the smart garden data effectively via dashboards showcasing sensor status, plants, locations, etc. **Capgemini team members act as the client/product owner and mentor** the students on **MS Azure cloud technologies** and our **product-oriented delivery model**.

### Smart Kitchen

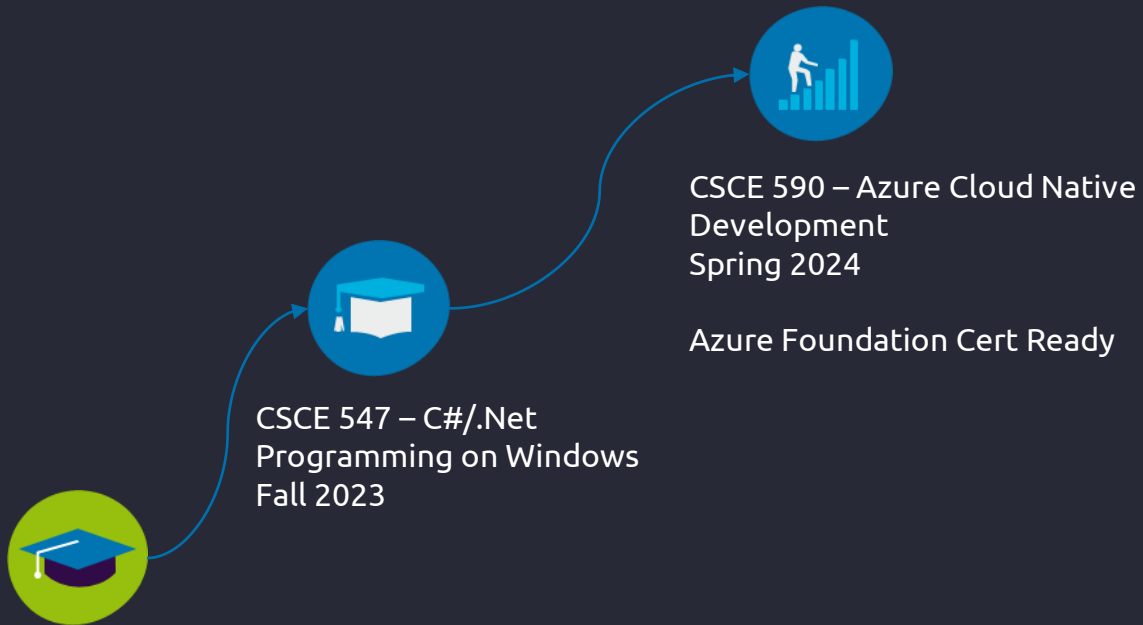
In order to showcase Capgemini's IoT and full-stack web development capabilities while adding a fun interactive element to our delivery center's kitchen, we came up with the Smart Kitchen concept. It includes 4 parts: the beer tap, snack trays, food drive, and miniature herb garden which can all be upgraded with IoT capabilities.

<p style="font-weight: bold; font-size: small;">Smart Tap</p> <p style="font-size: x-small;">Allows real-time analytics on the use of beer taps to discover trends and preferences as well as anticipate when taps will be empty.</p>	<p style="font-weight: bold; font-size: small;">Smart Tray</p> <p style="font-size: x-small;">Find office favorite snacks and assist with inventory management. Enables immediate feedback on snack choices.</p>	<p style="font-weight: bold; font-size: small;">Smart Food Drive</p> <p style="font-size: x-small;">Make giving fun by connecting it to the web, enabling statistics, and gamifying it.</p>	<p style="font-weight: bold; font-size: small;">Smart Herb Garden</p> <p style="font-size: x-small;">A compelling synergy of the biological and the technological. Add some freshness to lunch!</p>
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# AZURE CLOUD NATIVE DEVELOPER CERTIFICATE

Capgemini has partnered with College of Engineering and Computing to deliver Cloud Native Application Developer Certificate to CS related majors  
Started Summer 2023



Prereqs including a Database class



Venkata Achanti  
VP, C&CA, Capgemini Atlanta  
Adjunct Faculty, College of Engineering & Computing

<https://www.cse.sc.edu/undergraduate/cs/application-area>

## Cloud-Native Application Development

Cloud computing is a critical operational and development platform. Many large tech companies offer their own platforms, including AWS, Google, and Microsoft Azure, and businesses rely on cloud to reduce the cost of hardware acquisition, maintenance, and dynamic scalability of their environments. This means companies are seeking developers who know how to deliver cloud-native application development. The Department of Computer Science and Engineering has partnered with **Capgemini** to create a digital-ready area of study with a focus on .Net/C# programming and cloud-native application design and development for the Azure cloud platform. This provides an accelerated path to acquiring cloud and digital skills required for enterprise IT developers of tomorrow. Industry experts from Capgemini will help deliver the advanced curricula to students, with course content enriched with real-world scenarios and projects.

- **CSE Courses:** [CSCE 520: Databases](#), [CSCE 547: Windows Programming](#), [CSCE 526: Service Oriented Computing](#)
- **Non-CSE Courses (any three of the following courses):** MGMT 371: Principles of Management, MGMT 374: Strategic Human Resource Management, MGMT 376: Employee Engagement, MGMT 402: Managing Teams in the Workplace, MGMT 403: Leadership in Organizations



# CAMPUS HIRE – ENTRY LEVEL POSITION COLUMBIA, SC DELIVERY CENTER

- Aptitude
- Attitude

Similar to how you work in different industries, you may have different roles with each project too. Below is a brief description of the role(s) you may fill:

- **Business Analyst:** Meeting with client to gather requirements, writing user stories, analyzing data, and working with technical team to create a solution
- **Testing Analyst:** Testing software and using quality assurance methods to ensure the solution is properly meeting the client's requirements
- **Developer/Programmer:** Writing and reviewing code, programming, and software development, fixing bugs, testing and quality assurance, interpreting architecture and design, etc.

Exceptional performance in these majors or concentrations:

- **Technology:** Computer Science, Computer Information Systems, Management Information Systems, Data Science
- **Business:** Finance, Supply Chain, Digital Leadership
- **Engineering:** Computer Engineering, Industrial Engineering

Skills and experience in these areas:

- **Technical Skills:** Java/J2EE, .Net, C++, Python, Web Development Technology (JavaScript, HTML, CSS, JQuery, JSON), Database (Oracle), Responsive Web Design, ETL, PL/SQL, Hadoop, cloud APIs (e.g., a public cloud such as AWS, Azure, GCP or an advanced private cloud such as Google, Facebook), UX Design Skills, UI Prototyping
- **Functional Skills:** System Analysis, Business Analytics (such as Power BI), Project Management, Testing, Technical and/or Creative Writing, Workshop Facilitation, HR Process Knowledge, SharePoint, Office365, Dynamics

# HOW TO ENGAGE WITH CAPGEMINI



- Find us at Career Fairs
- Classroom Engagement [Digital Certificate, Capstones, etc.]
- RISE \*Application open in Spring 2024
- Internships

Say connected with us!

## Capgemini Recruitment



Anna.VanDuzer@capgemini.com



Jillian.Epperson@capgemini.com





## About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 270,000 team members in nearly 50 countries. With its strong 50 year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fuelled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2020 global revenues of €16 billion.

Get the Future You Want | [www.capgemini.com](http://www.capgemini.com)



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