Charan Nuthalapati

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CAREER OBJECTIVE

Aspiring Cloud Engineer and Data Analyst with hands-on experience from internships at BCG X, Deloitte and Verizon. Gained expertise in cloud computing, network security, and data analytics through my Master's degree in Technology at EIU. Worked on Gen AI, VPN security, cloud native assessments and data visualization using Tableau, Jupiter, power Bi. Passionate about cloud infrastructure, automation, and DevOps, with skills in Python, AWS, CI/CD, and IaC.

EDUCATION

Eastern Illinois University , Master's in Computer Technology   2025
- GPA: 3.9/4.0
- **Coursework:** Cloud Computing, Data Analytics, Database Security, Java Application in Technology

R.M.K Engineering College , Bachelor of Engineering in Electronics & Communication Engineering Technology   2022
- GPA: 8.18/10.0
- **Coursework:** Digital Signal Processing, Cloud & Mobile Services, Advanced Database Engineering

EXPERIENCE

Graduate Assistant – Faculty Development and Innovation Center (FDIC)   2025
–Eastern Illinois University
- Assisted in Conducted workshops on green screen technology, VR, podcasting, and 3D printing.
- Managed faculty and student technology adoption initiatives.
- Organized technology-driven events to enhance student learning.

Student Worker – Faculty Development and Innovation Center (FDIC) –Eastern   2023
Illinois University
- Assisted in Guided students and faculty in adopting technology for collaboration and learning.
- Assisted with troubleshooting technical issues and resource management.
- Organized technology-driven events to enhance student learning.

PROJECTS

Cloud Computing Engineer Intern – Verizon , NY
- Assisted in VPN security testing and cloud infrastructure assessment.
- Used command-line Python to test cloud-native traits.
- Presented research findings on application security best practices.

BCG GenAI Job Simulation – BCG X Gen AI
- Built an AI-powered financial chatbot using Python and Pandas for real-time insights.
- Developed Gen AI models for automating financial risk analysis and predictive forecasting.
- Presented AI-driven research findings through structured reports and PowerPoint presentations.

Data Analyst Intern – Deloitte , Australia
- Analyzed client data to generate business insights.
- Created interactive dashboards using Tableau.
- Classified and processed large datasets in Excel.

Power BI Job Simulation – PwC , Switzerland
- Designed Power BI dashboards to visualize KPIs and client data.

- Analyzed HR gender balance issues and provided data-driven insights.
- Communicated findings through concise email reports to engagement partners.

TECHNICAL SKILLS

Languages: Python, Java, SQL, C++

Web Technologies: HTML, CSS.

Cloud Technologies: AWS (EC2, S3, IAM, Lambda), Cloud Security, VPN Testing.

Data Analytics & Visualization: Tableau, Excel, Power BI.

DevOps & Automation: Docker, Kubernetes, GitHub, CI/CD, Infrastructure as Code (IaC).

Database Management: MongoDB, MySQL, PostgreSQL, Advanced Database Technologies.

Networking & Security: VPN Security Testing, Cloud-Native Traits, Database Security & Reliability.

Other Tools & Technologies: Command-Line Scripting, Virtualization, Green Screen & VR Technologies.

CERTIFICATIONS

- AWS Cloud Practitioner.
- Cloud Computing Job Simulation - Verizon – Forage
- BCG GenAI Job Simulation – BCG X Gen AI – Forage
- Deloitte Data Analytics Virtual Experience – Forage
- Verizon Cloud Platform Virtual Experience – Forage
- Core Java – Naresh i Technologies.
- Python – SoloLearn.
- C Language – Sathya Technologies

SOFT SKILLS

- Critical Thinking.
- Innovation.
- Effective Communication.
- Flexibility.
- Collaboration.