

Chetan Lingareddy

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EDUCATION

University of Central Missouri

Expected May 2025

Master's Of Science in Computer Science

Relevant Coursework: Advanced Algorithms, Advanced Database Systems, Cloud Computing Bigdata Analytics, Advanced Operating Systems, Compiler Design, Software Testing, Data Visualization.

Visvesvaraya Technological University (VTU)

Aug 2018 – May 2022

Bachelor of Engineering in Information Science & Engineering, CGPA: 7.22

Relevant Coursework: Java, Object-Oriented Programming (OOP), Data Structures, Python, web development, computer networking, HTML, CSS, JavaScript, Database Management Systems, C language

PROFESSIONAL EXPERIENCE

Capgemini India, Bengaluru | Analyst

Oct 2022 – Jul 2023

Projects Highlights

- Contributed to the development of a high-scale e-commerce platform using Python, React.js, HTML, CSS, and JavaScript, helping improve user engagement by 15% through optimized UI and seamless interactions.
- Collaborated on designing and implementing a microservices architecture, enhancing system performance, scalability, and fault tolerance, resulting in 15% lower latency and faster load times.
- Optimized and refactored UI components using React.js, improving responsiveness, accessibility, and user experience, leading to a smoother and more intuitive interface.
- Assisted in deploying the platform on AWS Cloud, configuring EC2 instances, S3 storage, and IAM policies, ensuring scalability, cost-effectiveness, and enhanced security while reducing downtime.

Capgemini Bengaluru | Intern

March 2022 – May 2022

- Completed intensive Full-Stack Development Training with a focus on Java, MySQL, HTML, CSS, and JavaScript. Applied skills in real-world projects, Shadowed experienced team members on an internal platform development project, gaining hands-on experience. Key learning areas include Java, MySQL, and front-end web development. Participated in code reviews and contributed to project discussions.

SKILLS

Programming Languages: Python, Java, C, C#, SQL, JavaScript

Web Technologies: React.js, HTML, CSS, Flask, REST APIs

Data Management: PostgreSQL, MySQL, Relational Databases, Pandas

Cloud Technologies: AWS (EC2, S3, IAM, VPC, Elastic Beanstalk, RDS, Security Groups, Lambda, API Gateway)

Version Control & CI/CD: Git, GitHub, Jenkins, Docker

Data Visualization: Plotly, Streamlit

Operating Systems: Linux, Windows, macOS

Development Tools & IDEs: Visual Studio, Eclipse, Jupyter Notebook, VS Code, Pycharm

PROJECTS

Weather Dashboard Web App (Python, Streamlit, Pandas)

Built an interactive dashboard that processes real-time weather data from APIs, visualizing temperature, humidity, and trends using **Plotly**. Users can compare locations and forecast future weather conditions.

Daily News to Email App (Python, NewsAPI, Email Automation)

Developed an application that fetches top news headlines from NewsAPI and sends personalized daily emails to subscribers. Automated scheduling using **cron jobs**, and deployed it on **PythonAnywhere** for seamless delivery.

Invoice Generator (Python, Excel, PDF Processing)

Automated invoice generation for businesses by reading **Excel-based financial data**, processing it with **Pandas**, and generating structured PDF invoices. This solution streamlined invoice management for small enterprises.

Restaurant POS System (React.js, Flask, AWS)

Designed a **cloud-hosted** point-of-sale (POS) system deployed on **AWS (EC2, RDS, Elastic Beanstalk)** to manage restaurant transactions, order processing, and customer payments. Enabled seamless financial tracking and multi-user access.

CERTIFICATIONS

AWS certified cloud practitioner: validity - Nov -2025

Migration Ambassador Foundations From AWS: Received on Oct- 2022

SQL : Hacker Rank on Feb 19-2025