

# 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