

# Chinmayi Upendra Joshi

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## EDUCATION

**Syracuse University** - College of Engineering & Computer Science, Syracuse, NY

May 2024

Master of Science in Computer Engineering

Coursework: Advanced Data Structures and Algorithms, Object Oriented Design, Database Management Systems,

**Savitribai Phule Pune University** - Pimpri Chinchwad College of Engineering, Pune, India

Jul 2021

Bachelor in Electronics and Telecommunications Engineering

## CERTIFICATIONS AND TECHNICAL SKILLS

- German-A2 certified
- Certifications: [Meta Front End Developer](#), [Meta Backend Developer](#), [AWS Cloud Practitioner](#), [Azure 900](#)
- Programming: Java, C++, Python, JavaScript, TypeScript, Microservices, React, React Native, HTML, CSS, REST API, NodeJS, Django, Express, SQL, CI/CD
- Other tools: Azure Boards, Git, Jira, AWS, Junit, Docker, REST APIs, Visual Studio, Linux

## EXPERIENCE

**Founding Engineer**, [Synctium](#) (SaaS Product)- New York, USA

June 2024- Present

- This is an AI-powered software designed to serve as a personal CRM, helping users manage their professional connections
- Spearhead the development of the MVP, using **ReactJS**, **CSS**, **Django**, **JavaScript**, **HTML**, **CSS**, and **Python** leading to 130+ signups on the waitlist
- Implement **AI-driven features** such as automated messaging and keyword search using Python
- Work closely with a dynamic team, using GitHub for seamless code collaboration, and maintaining high code quality standards
- Drive cross-functional outcomes with UX designers, backend engineers, and AI engineers to create a user experience

**Software Engineer**, The Founder Series –Remote, USA

July 2024 - Present

- Spearhead migration from no-code to platform to **python**-based backend and **React Native**-based frontend
- Developed and deployed an AI-driven conversational agent with OpenAI Playground

**Software Engineer**, Capgemini Technologies Financial Services – Pune, India

Aug 2021 - Aug 2022

- Developed 20+ web forms and managed over a hundred forms using **JAVA** and Mendix with the team, giving clients a seamless experience
- Digitized banking journey for enterprises, businesses, and startups resulting in an intake of more than 5000 new customers for the bank in one year
- Executed **functional and regression testing** for 50+ forms with Azure Test Plan, improving the form usability and resulting in an increase in customer satisfaction, measured by Customer Experience Score that went up by 44%
- Applied **agile methodologies**, facilitating continuous improvement and collaboration with Product Owner, Analysts and Development team

**Software Engineer Intern**, Capgemini – Pune, India

Feb 2021 - May 2021

- Developed and debugged a complete web application (e-Commerce website)
- Led a team of four to implement a website using **JAVA**, **OracleDB**, **Spring Boot**, and **Angular**
- Utilized **RESTful APIs** to enable efficient front-end to back-end communication, enhancing user experiences and enabling real-time data exchange in web applications.

**Intern**, Austere Systems Private Limited – Pune, India

Jun 2019 - Jul 2019

- Identified 150+ defects in application and reported all findings, including improvement recommendations
- Collaborated with developers to stay current on product features and intended functionality

## PROJECTS

**Obesity Rate Prediction using Food Atlas Data**

Feb 2024 – April 2024

- Utilized Python libraries (**Pandas**, **NumPy**, **Scikit-learn**) for data cleaning, preprocessing, and model development.
- Implemented various machine learning models, including **Linear Regression**, **Decision Trees**, Random Forest, K-Nearest Neighbors, and Support Vector Machines, to predict obesity rates.

**Library Management System** - Tech Stack: Java, Angular, JavaScript, MongoDB, HTML, CSS

Sept 2022 – Dec 2022

- Implemented user registration, profile management, book search, and issue history functionality for students.