Chinmayi Upendra Joshi

Software Engineer

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EDUCATION

Syracuse University - College of Engineering & Computer Science, Syracuse, NY — May 2024
Master of Science in Computer Engineering — (GPA 3.5)
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 — (GPA 9.08/10)

CERTIFICATIONS AND TECHNICAL SKILLS

- German-A2 certified
- Certifications: AWS Cloud Practitioner, Azure 900
- Programming: Java, C++, Python
- Development: JavaScript, React, AngularJS, HTML, CSS, BootStrap, REST API, SpringBoot, NodeJS, Django
- Other tools: Azure Boards, Git, Jira, AWS, Junit, Docker, REST APIs, Visual Studio, Linux

CURRENT PROJECT

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 (www.synctium.com)
- Spearhead the development of the MVP, using **ReactJS**, **CSS**, **Django**, and **Python** leading to 100+ 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

EXPERIENCE

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
- Optimised front-end using **HTML and CSS** to create **responsive web interfaces** that enhanced user 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 to 1.65/5
- 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, coded, modified, 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.

Founder and Team Lead, Aviation Club, Pimpri Chinchwad College of Engineering – Pune, India — Jul 19 – Apr 21

- Led development of flight control system conducted research studies on issues affecting speed and stability to improve flight performance

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

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

HR System Database - Tech Stack: SQL, MySQL

- Designed and implemented a comprehensive HR Management System, automating employee management, recruitment, and administration processes using tables, scripts, functions, views, triggers and transactions.