

# 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,

## CERTIFICATIONS AND TECHNICAL SKILLS

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

## EXPERIENCE

**Research Assistant**, Electrical Engineering and Computer Science, Syracuse University- New York, USA

June 2024- Present

- Standardized data formats and scaled features, reducing preprocessing time by 20%
- Analyzed and summarized 10+ key research papers to provide actionable insights for the team, enabling the selection of optimal benchmarks for model comparisons.

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

June 2024- Feb 2025

- Spearheaded the development of the MVP, using **ReactJS**, **CSS**, **Django**, **JavaScript**, **HTML**, **CSS**, and **Python** leading to 130+ signups on the waitlist
- Developed a chrome extension that lets users save connections from LinkedIn to AirTable in a single click
- Worked closely with a dynamic team, using GitHub for seamless code collaboration, and maintaining high code quality standards
- Drove cross-functional outcomes with UX designers, backend engineers, and AI engineers to create a user 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
- 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.

## PROJECTS

**LinkedIn to Resume PDF Generator** ([GitHub](#))

- Developed a full-stack application using **React**, **Node.js**, **Express**, and **Axios** to convert LinkedIn profiles into downloadable PDF resumes.
- Implemented Proxycurl API integration for profile data retrieval and **React-PDF** for dynamic document generation with Base64 image support.

**Obesity Rate Prediction using Food Atlas Data**

- 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.

**Stock Market Trend Analysis**

- Employed **Random Forest and SVM models** to predict short-term (T+1) and long-term (T+30) trends, achieving high precision (0.70) and recall (0.85) for T+30.
- Implemented **NLP techniques** with NLTK for classifying and analyzing social media content.