

Prasanna Limaye

Software Engineer | New York, USA | plimaye15@gmail.com | [Linkedin](#) | (551) 267-4393

EDUCATION

MS in Computer Science, Stevens Institute of Technology, NJ, USA

Expected May 2025

Relevant Courses: Database Management, Full-Stack Development, Machine Learning

GPA 4.0/4.0

Bachelors Engineering in Computer Engineering, Mumbai University, India

May 2021

Relevant Courses: Data Structures, Advanced Algorithms, Android Development, Java Programming

GPA 3.9/4.0

SKILLS

Programming and Software: Python, Django, Flask, Java, JavaScript, Express, Angular, React, Node.js, SQL, NoSQL, MongoDB, GraphQL, Git Version Control, CI/CD, Kubernetes, Docker, AWS Cloud Platform, Azure cloud, GCP.

Other Skills: Detailed orientated, presentation, analytical skills, communication, teamwork.

EXPERIENCE

Software Engineer Intern, Baker Trading, Seattle, USA

May 2024 – Dec 2024

FULLSTACK | Django | Python | JavaScript | React

- Developed a robust trading system using **Django** in Python and the **Interactive Brokers API** to efficiently manage entry, exit, and database updates for various trading strategies, enhancing overall system reliability and maintainability.
- Led the **orchestration and streamlined deployment** of applications across multi-cloud environments enhancing system scalability.
- Established 24/7 monitoring and automated alerting systems, reducing incident resolution time by 20%. Streamlined **CI/CD** pipelines using **Kubernetes**, **Docker**, and Jenkins/GitHub Actions, achieving a 40% reduction in deployment cycles and zero-downtime releases.
- Developed a **ReactJS** dashboard with real-time updates through HTTP requests to the backend, enhancing user experience by eliminating page reloads and providing seamless interaction with financial data reducing dashboard load times by 40%.
- Enhanced system interoperability by implementing **OAuth** for secure authentication, **Webhooks** for real-time event-driven communication, and **Kafka**-based pipelines for high-throughput messaging, resulting in a 30% boost in data streaming efficiency and a 25% decrease in API response times.
- Proficient in data structures, algorithms, and system design for optimized application development.

Software Engineer, Tata Consultancy Services, India

June 2021 – July 2023

FULLSTACK | MongoDB | Express.JS | ReactJS | Node.JS | Python

- Collaborated with cross-functional teams** to lead the development of full-stack web app in Angular for E-commerce platform.
- Developed and optimized **microservices**-based RESTful APIs with **Node.js** and **Spring Boot**, improving scalability and reliability.
- Mentored junior developers, drove technical discussions, and collaborated with cross-functional teams to enhance microservices architecture and API design, leading to a 30% reduction in latency, increased system scalability, and improved developer efficiency.
- Extensive experience in short release cycles, demonstrating a comprehensive understanding of the full software lifecycle.
- Automatized manual processes with Python scripts utilizing appropriate data structures, reducing product delivery time by 60%.

Software Engineer Inter, Blue Eye Soft Corp, India

June 2020 – June 2021

FULLSTACK | Flutter | AWS | MySQL | JAVA | Spring Boot

- Designed and implemented a cross-platform mobile app in flutter with **Spring Boot** backend, and **MySQL** database.
- Optimized application performance by implementing structured logging, distributed tracing, and real-time metrics collection, leading to a 35% improvement in debugging efficiency and faster issue resolution.
- Demonstrated communication skills, showcasing the ability to convey complex technical concepts effectively.

PROJECTS

Vayu – Pollution Monitoring and Prediction (React.JS | Arduino | Django REST Framework)

June 2022

- Engineered an **IoT** pollution monitor, achieving real-time data collection with 95% accuracy in pollution levels.
- Managed a Python **Django-REST server**, managing data from 50+ devices, leading to a 30% reduction in response times.
- Designed a **ReactJS** web app, featuring heat maps and illustrations, fostering improvement in user comprehension regarding climate trends, empowering stakeholders with actionable insights.

University Management System (MongoDB | Express.JS | React.JS | Node.JS)

Dec 2023

- Designed and deployed full-stack application using **Node.js**, **Express**, and **MongoDB** for seamless academic operations.
- Implemented role-based application access control, ensuring tailored user experience and system security.
- Created a dynamic **ReactJS** application having modules like course management, grading and learning modules.

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

Gold Medalist and Silver Medalist, University of Mumbai

June 2017 – June 2019

Finalist, Smart Mobility Hackathon, HERE Technologies

June 2018 – July 2018