

Prasanna Limaye

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SUMMARY

Dedicated and results-driven Software Engineer with 2 years of experience in Application and Full-stack web development. Adept in utilizing frameworks and technologies for system design and implementing solutions. Currently studying for a master's in computer science and looking for full time/internship opportunities for mutual growth.

EDUCATION

MS in Computer Science, Stevens Institute of Technology, NJ, USA (GPA 4.0/4.0) Expected May 2025

Relevant Courses: Software Engineering, Python, Database Management Systems, Full-Stack Web Development

Bachelors Engineering in Computer Engineering, Mumbai University, India (GPA 3.9/4.0)

May 2018

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

SKILLS

Programming and Software: Python, Java, SQL, C++, JavaScript, Express, Angular, React, Spring Boot, Node.js, Django, Flask, Android Development, Flutter, Git, CI/CD, SQL & NoSQL, MongoDB, Oracle, AWS Cloud Platform, JIRA, Microsoft Office suite.

Data And Analytics: Regression Modeling, Reinforcement Learning, Data Visualization, Data Analytics, Pytorch.

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

EXPERIENCE

Software Engineer, Tata Consultancy Services, India June 2021 – July 2023

- Led a team of five in developing a full-stack web application in ReactJS, using iterative scrum-based approach.
- Developed a REST API with a NodeJS server to enhance system performance and managed SQL and NoSQL databases.
- Enhanced legacy function logic by utilizing appropriate data structures, resulting in a 30% faster response time.
- Automatized manual processes with Python scripts, reducing product delivery time by 60%.
- Streamlined the transition from Bootstrap3 to 4, reducing development time by 25% and minimizing UI inconsistencies.

Software Engineer Inter, Blue Eye Soft Corp, USA

June 2020 – June 2021

- Developed a full-stack Mobile Application to build a Contact Tracing application for COVID-19 using Spring Boot, MySQL, AngularJS, JavaScript, CSS, Bootstrap, Material Design.
- Researched different privacy preservation techniques for the application and implement the best choice suitable for the application, study the work of international professors in this field and implement the current best practices.
- Built Progressive Application for mobile devices, which decreases load time by 80%, occupies 95% less space in users' device, platform independent, fast to build and update.

Founder & Lead Developer, PaperSqueeze, India

June 2019 – June 2020

- Founded a digital startup focused on enhancing e-form through AI insights, which are showcased on official website.
- Utilized the MERN stack to provide a complete e-form solution featuring an innovative chat-based user interface.
- Deployed entire application with AWS cloud service, created files and images storage in EC2 instance and s3bucket.
- Steered startup challenges, achieving 1000 daily form creations, and fostering partnerships in the digital space.

PROJECTS

University Management System (MongoDB, ExpressJS, ReactJS, NodeJS)

Dec 2023

- Designed and deployed full-stack application using Node.js, Express, and MongoDB for seamless academic operations.
- Implemented role-based access control for Admins, Professors, and Students, ensuring tailored user interactions.
- Integrated PDF viewer, email notifications, and secure user authentication for enhanced functionality.
- Created dynamic course management, assignment grading, and efficient location-based attendance tracking functionalities.
- Enhanced security through .env file configurations, CSRF protection and robust error handling mechanisms.

ClimateGuard – Climate Change Impact Assessment (Java, Spring Boot, Angular)

June 2022

- Spearheaded the development of an Angular application, facilitating in-depth climate change impact assessments.
- Orchestrated the integration of RESTful APIs written in Spring Boot to seamlessly gather and process environmental data, yielding a notable 25% enhancement in system performance, ensuring swift and efficient data handling.
- Pioneered the creation of an intuitive Angular application featuring interactive visualizations, fostering a 15% surge in user comprehension regarding climate trends, empowering stakeholders with actionable insights.

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

Graduate Teaching Assistant, Stevens Institute of Technology, USA

January 2024 – Present

Technical Head and Speaker, Computer Society of India- SAKEC, Mumbai University, India

June 2019 – June 2021

Gold Medalist and Silver Medalist, University of Mumbai

June 2017 – June 2019

Finalist, Smart Mobility Hackathon, HERE Technologies

June 2018 – July 2018