

Keyur Madane

602-807-3163 • keyur.madane@gmail.com • linkedin.com/in/keyur-madane-104 • www.github.com/keyur104

SUMMARY

Software Engineering graduate student with three years of professional experience in designing, developing, and deploying software solutions. Proficient in object-oriented programming, backend development, and collaborating on full-stack projects. Skilled in delivering high-quality, scalable applications and eager to contribute to innovative solutions while further enhancing technical expertise.

EDUCATION

M.S. Software Engineering

Arizona State University, Tempe, AZ

Expected May 2026

B.E. Computer Science

Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, India

June 2021

9.07 GPA (out of 10)

SKILLS

Programming Languages: Java, Python, C/C++, JavaScript.

Front-End: HTML, CSS, Bootstrap.

Frameworks, Tools, Databases, and OS: Django, Spring Boot, Rest API, MySQL, PostgreSQL, Salesforce, Heroku, Git Visual Studio Code, Eclipse, Postman.

Systems & Concepts: Software Troubleshooting, Software Security, Multithreading, Servlets, Data Structures, Debugging.

Soft Skills: Effective Communication, Team Collaboration, Problem-Solving, Adaptability, Time Management, Leadership.

PROFESSIONAL EXPERIENCE

Senior Systems Engineer | Infosys | Pune, India

August 2021 – July 2024

Delivered five high-quality software solutions for Mercedes-Benz, boosting system reliability by 30% and scalability through efficient coding and thorough testing.

- Integrated Performance of existing CRM Model by utilizing the Heroku as middleware, reduced response time from 7 sec to 1 sec.
- Formulated a Salesforce data cleanup mechanism, boosted business efficiency by 5% through automatic deletion of unused customer data.
- Designed an API in Salesforce to handle 10 different scenarios, improving data processing efficiency by 25%.
- Upgraded existing custom Ant used for Salesforce deployment from version 50 to version 57.
- Improved deployment efficiency and accuracy by upgrading Java-based tools, resulting in a 30% reduction in deployment time and ensuring smooth Salesforce operations across teams.
- Optimized CRM systems to enhance user experience and responsiveness, leading to a 15% reduction in support tickets.
- Ideated and accomplished product from scratch and helped scale business to more than 10 million users.
- Promoted within 6 months due to strong performance and organizational impacts.

PROJECTS

Video Anomaly Detection System, *Personal Project*

June 2021

- Designed a video anomaly detection system using machine learning, accomplishing 90% accuracy in high-traffic areas.
- Implemented surveillance techniques, achieving a 30% reduction in security incidents across a 100,000 sq ft area.

Scheme Management Portal for State Government, *Hackathon Project*

February 2021

- Developed a Django web app during a hackathon for managing government schemes, benefiting over 1,000+ personnel.
- Created fund management features that aim to reduce corruption risks by up to 40%.

Chat Application with Multithreading and Sockets, *Personal Project*

June 2022

- Engineered a real-time chat application applying Java's multithreading capabilities to support 50+ concurrent client connections, ensuring efficient message exchange and responsiveness in high-demand environments without lag.
- Implemented socket programming to facilitate communication between clients and server, achieving a message delivery success rate of over 95% in a distributed environment.

EXTRACURRICULAR EXPERIENCE

Software Developers Association, Tempe, AZ

August 2024 - present

- Engaged in 10+ workshops with industry professionals, enhancing insights into industry trends.

Hackathon

February 2021

- Finalist in Smart India Hackathon and IBM Hackathon, having competed among over 1,000 teams.

Acunetix Event Head, Pune, India**March 2020**

- Led the 'Acunetix' event at DYPIT's Department of Computer Engineering, overseeing 350 participants.