KEYUR MADANE

+1(602) 807-3163 ◇ Tempe, AZ

keyur.madane@gmail.com ◇ www.linkedin.com/in/keyur-madane-104/ ◇ https://keyur104-github-io.vercel.app/

OBJECTIVE

Software Engineering student with three years of hands-on experience in full-stack development and Java backend. Eager to contribute to dynamic engineering teams and deliver high-quality software solutions.

EDUCATION

Master of Software Engineering, Arizona State University   GPA 3.72   Expected May 2026
Relevant Coursework: Adv data structure and algorithms, software design, foundations of software engineering, and software verification/validation/testing.

Bachelor of Computer Engineering, Pune University   GPA 9.07   2018 - 2021

SKILLS

Programming Languages	Java, Python, C/C++, JavaScript
Front-End	HTML/CSS, Bootstrap, React.js
Frameworks, Tools, Database	Django, Spring Boot, SQL, Node.js, REST APIs, MySQL, PostgreSQL, Salesforce, Heroku
Systems & Concepts	Data Structures & Algorithms, Agile, Web Development, Operating Systems, SDLC, Back-end Development, API Development, Continuous Integration
Soft Skills	Problem-Solving, Code Review & Bug Fixing, Adaptability & Quick Learning

EXPERIENCE

Senior Software Engineer   Aug 2021 - Jul 2024
Infosys   *Pune, MH, India*

- Delivered five high-quality software solutions for Mercedes-Benz in a fast-paced development environment, boosting system reliability by 30% and scalability through efficient coding and thorough testing.
- Integrated and significantly enhanced the performance and scalability of an existing CRM model by leveraging Heroku as middleware, reducing system response time from 7 seconds to just 1 second and improving data flow across teams.
- Developed a Salesforce cleanup process, boosting efficiency by 5% through automated removal of unused customer records.
- Designed an API in Salesforce to handle 10 different scenarios, improving data processing efficiency by 25%.
- Upgraded the technical architecture of the existing custom Ant used for Salesforce deployment from version 50 to version 57.
- Improved deployment efficiency and accuracy by upgrading and customizing Java-based tools, reducing deployment time by 30%, minimizing manual intervention, and ensuring seamless, reliable Salesforce operations across cross-functional teams.
- Optimized CRM systems to enhance user experience and responsiveness, leading to a 15% reduction in support tickets.

PROJECTS

MCQ Generator Using ChatGPT API
- Built a Django web application utilizing the ChatGPT API to automate the generation of multiple-choice questions (MCQs) from input text, delivering a scalable, API-driven solution to optimize content generation pipelines.
- Architected a robust system combining Django and Spring Boot within a scalable microservices-based architecture, streamlining data transfer and storage of MCQs in a database for seamless retrieval and management.

Chat Application with Multithreading and Sockets
- 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.
- Developed and optimized socket programming modules to enable secure and low-latency end-to-end communication between distributed clients and server, achieving over 95% message delivery success rate under high network load conditions.

Scheme Management Portal for State Government
- Developed a Django web app during a hackathon for managing government schemes, benefiting over 1,000+ personnel.
- Built fund management features to minimize corruption risks by up to 40% and improve workflow efficiency.

EXTRA-CURRICULAR ACTIVITIES

- Participated in 10+ workshops hosted by the Software Developers Association at Arizona State University, gaining insights into industry trends and emerging technologies.
- Finalist in Smart India Hackathon and IBM Hackathon, having competed among over 1,000 teams.
- Led the 'Acunetix' event at DYPIT's Department of Computer Engineering, overseeing 350 participants.

LEADERSHIP

- Led teams in multiple hackathons at state and national levels, including Smart India Hackathon and IBM Hackathon, successfully managing cross-functional collaboration and rapid solution development under tight deadlines.