KEYUR MADANE

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PROFESSIONAL SUMMARY

Motivated Software Engineering student with three years of experience in full-stack development and Java backend, seeking an on-campus position to contribute technical skills, gain hands-on experience, and support university initiatives in a collaborative environment.

EDUCATION

Arizona State University   **08/2024 - 05/2026**
Master's, Software Engineering   *GPA: 3.56*

Dr. D.Y. Patil Institute of Technology, Pune   **08/2018 - 06/2021**
Bachelor's, Computer Engineering   *GPA: 9.07*

SKILLS

Programming Languages: Java, Python, C/C++, C#, JavaScript
Front-End: HTML/CSS, Bootstrap, React.js
Frameworks, Tools, Database: Spring Boot, SQL, NoSQL, Node.js, REST APIs, Azure, Google Cloud, MySQL, PostgreSQL, AngularJS
Systems & Concepts: Data Structures & Algorithms, Agile, Web Development, version control, Operating Systems, Backend Development, API Development, Software Development Lifecycle (SDLC), continuous integration
Soft Skills: Problem-Solving, Communication Skills, Code Review & Bug Fixing, Adaptability & Quick Learning

PROFESSIONAL EXPERIENCE

Infosys   **Pune, MH, India**
Senior Systems Engineer   *08/2021 - 07/2024*
- 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.
- Cross-functionally integrated and enhanced the performance of an existing CRM model by leveraging Heroku as middleware, reducing response time from 7 seconds to 1 second.
- Formulated a Salesforce data cleanup mechanism, boosting 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 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 Java-based tools, demonstrating strong attention to detail, 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.

PROJECTS

MCQ Generator Using ChatGPT API
- Results-oriented, engineered a Django web application utilizing the ChatGPT API to automatically generate multiple-choice questions (MCQs) from text, enhancing the efficiency of question creation.
- 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.
- Implemented socket programming to facilitate end-to-end communication between clients and server, achieving a message delivery success rate of over 95% in a distributed environment.

Scheme Management Portal for State Government
- 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%.
- *Link to project*

EXTRACURRICULAR EXPERIENCE

- 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.