

# SHASHIRAJ WALSETWAR

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## SUMMARY

Full Stack Software Engineer with over 3 years of experience in developing high-performance, scalable applications using microservices architecture in cloud environments. Proficient in Python, Java, C#, and JavaScript, with a strong background in DevOps practices and continuous integration/delivery. Skilled in problem-solving, Agile methodologies, and implementing emerging technologies. Demonstrates a commitment to building resilient applications that enhance customer experience while adhering to industry best practices.

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## SKILLS

**Programming Languages & Frameworks:** Python (Flask, Django), Java, C#, C++

**Frontend Technologies:** HTML5, CSS, JavaScript, React-JS

**Machine Learning:** OpenCV, Beautiful Soup, Numpy, Pandas, Sklearn, Tensorflow, Data Engineering

**Database:** MySQL, MongoDB, NoSQL, SQLite, SQL, Microsoft SQL Server, Postgres

**Other:** Microsoft Azure, JIRA, Git, REST API, SOAP, AWS, AI & ML, Version Control, Versioning, Elasticsearch, Management System, Emerging Technology, Web Applications, Microsoft SQL Server, Containerization

**Soft Skills:** Empathetic communication, Organizational skills, Integrity, Responsibility, Innovation

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## EXPERIENCE

**Full Stack Developer, Sikka.ai, San Jose, USA**

**Feb 23- Present**

- Developed and optimized microservices-based applications, resulting in a 30% increase in analytics efficiency and improved customer experience
- Implemented CI/CD pipelines using GitHub, enhancing the software delivery process
- Designed and developed Web API applications using C# and Python, reducing errors by 25% and streamlining database management
- Led core application revamp, focusing on troubleshooting, debugging, and performance optimization, projecting a 25% reduction in yearly system issues
- Conducted regular code reviews to maintain high-quality, secure code and reinforce best practices across the development team

**Software Engineer (Full Stack) Intern, Cohere Health, Boston, USA**

**May 22- Aug 22**

- Designed and developed a Rules Engine using machine learning techniques to analyze incoming data and automate case approvals or rejections, resulting in a 40% reduction in case processing time and demonstrating strong product management skills.
- Improved the user interface by redesigning React-based components, decreasing page loading time by 3 seconds, and enhancing overall user engagement through heightened customer experience.
- Optimized front-end performance through efficient coding practices and thorough testing, ensuring a consistent and responsive user experience.
- Automated various Python jobs using Shell Scripts, saving approximately 90 hours of manual work annually and boosting team productivity.

**Graduate Student Assistant, AI/ Innovation Team, California State University, East Bay**

**Sept 21- Feb 2023**

- Managed the deployment of a web service in a production environment using Docker containers on AWS EC2, resulting in increased scalability and reliability for users, which involved constant stabilization efforts during deployment.
- Developed and implemented a machine learning model that achieved a 20% faster response time and 79% accuracy in responding to user queries, enhancing overall user experience and satisfaction.
- Led a team of 4 student assistants in migrating a chatbot from Dialogflow to a local engine, ensuring smooth operation and uninterrupted service for end-users.

**Software Engineer- Analyst, KPMG Global Services Pvt. Ltd, Pune, India**

**Jun 2019- Aug 2021**

- Led the design and configuration of Cloud Splunk Reports automation, reducing manual work by over 120 hours annually while respecting government security protocols.
  - Implemented 14+ workflows for connected and disconnected applications, increasing productivity by 35% through analysis and optimization of existing processes.
  - Developed 6 platform-independent utilities using Python and Bash scripting, automating tasks and reducing manual work by over 50%.
  - Created a password reset utility resolving 60,000+ user requests annually, with a 95% resolution rate, showcasing an empathetic approach to customer needs and support.
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## EDUCATION

**Master of Computer Science**, California State University- East Bay *GPA-3.44* **Aug 2021- May 2023**

Coursework: Advanced Algorithms, Operating Systems Design, Cyber Security, DBMS, Machine Learning, Computer Vision.

**Bachelor of Engineering**, Information Technology- PES Modern College of Engineering, India **June 2015- June 2019**

Coursework: Application Development, Testing, and operational stability, Database querying languages, App Security