

SHASHIRAJ WALSETWAR

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SUMMARY

With 3+ years as a Software Engineer, I excel in full-stack development, optimizing CI/CD pipelines, and cloud solutions. Proficient in Python, Java, C#, and web technologies. Strong Unix/Linux background. Experienced in DevOps, microservices, and software development lifecycles. I'm passionate about fostering communication and refining processes through backend code reviews.

SKILLS

Programming Languages & Frameworks: Python (Flask, Django), Java, GO, Swift, C#

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

Machine Learning Libraries: OpenCV, Beautiful Soup, Numpy, Pandas, Sklearn, Tensorflow

Database: MySQL, MongoDB, NoSQL, SQLite, SQL

Operating Systems: Windows, Linux, Unix, MacOS

Other: Microsoft Azure, JIRA, SNOW, Confluence, Git, Linux, MS Office Suite, REST API, SOAP, AWS, Kafka, Tomcat, Docker

EXPERIENCE

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

Feb 23- Present

- Optimized codebase with real-time Kibana logging, resulting in a **30%** increase in analytics efficiency and fortified system oversight.
- Developed a C#, Python, Java applications for streamlined database management, leading to a **25%** reduction in manual entry errors and eliminating the need for direct database access.
- Transitioned from static to dynamic data upload scripts, achieving a 40% decrease in client-side updates and guaranteeing uniformity across **32k+** client machines.
- Leading the revamp of a decade-old core application, aiming for a significant boost in performance and a projected 25% decline in recurrent system issues within the forthcoming year.

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

May 22- Aug 22

- Led the design and development of a Rules Engine that utilized machine learning insights to analyze incoming data and automatically approve or reject cases, resulting in a **40%** reduction in case processing time.
- Optimized the front-end user experience by redesigning React-based components, resulting in a 3-second decrease in page loading time and improved user engagement.
- Spearheaded the automation of various Python jobs using Shell Scripts, reducing approximately **90** hours of manual work per year and increasing team productivity.

Graduate Student Assistant, AI/ Innovation Team

Sept 21- Feb 2023

California State University, East Bay

- Successfully deployed a web service in a production environment using Docker containers on AWS EC2, resulting in increased scalability and reliability for users. Also managed a local deployment for development purposes, allowing for seamless testing and debugging.
- Developed a machine learning model that achieved a 20% faster response time and **79%** accuracy in responding to user queries, enhancing the overall user experience and satisfaction.
- Directly managed a team of 4 student assistants and spearheaded the migration of a chatbot from Dialog flow 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.
- Implemented **14+** workflows for connected and disconnected applications, increasing productivity by **35%**.
- 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.
- Developed charts and dashboards in AppDynamics, improving data-driven decision making by **40%**.
- Contributed to the creation of comprehensive technical documentation for the project.

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

EXTRACURRICULAR ACTIVITIES

- First Prize:** National Level Technical Quiz/ Coding Competition
- Best Technical Performer** of 2015-19 batch- P.E.S. Modern College of Engineering, India
- One of the First 50 players** in India to complete 3 Game rooms in a globally hosted competition by breakthecode.tech