

Govind Asawa

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SUMMARY

Software Engineer with 3+ years of experience building scalable web applications and optimizing system performance. Proficient in Java, Python, and JavaScript, with expertise in microservices, API integrations, and database management. Passionate about enhancing system efficiency through caching strategies, AI-driven analytics, and secure, high-performance architectures.

SKILLS

Programming Languages	: Java, Python, JavaScript, PHP, HTML, CSS, Shell Scripting
Databases	: SQL, NoSQL, MySQL, MariaDB, PostgreSQL, MongoDB, Redis, TimescaleDB
Frameworks / Tools	: Spring Boot, Microservices, Node.js, Express.js, React.js, TailwindCSS, jQuery, Bootstrap, AWS, REST API, MVC, Postman, Git, GitHub, Linux, Fortify, Jenkins, Object oriented programming, Spinnaker, Apache camel, Kafka
Technologies	: Web Development, Backend, Machine Learning, Data Analysis, Agile, Scrum

EXPERIENCE

Software Engineer Intern, Copart, Dallas, United States	Aug 2024 - Present
<ul style="list-style-type: none">• Microservices: Coded a Spring Boot microservice to automate metrics extraction, contributing to product development and reducing service-level disputes by 20%.• Redis Optimization: Used suitable Redis data structures to improve cache management, enhancing components and reducing data retrieval time by 10%.• Machine Learning: Performed ETL using microservices and Postgres to develop a Python-based forecasting model, achieving 90%+ accuracy in detecting anomalies.	
Software Engineer, OpenText Technologies, Hyderabad, India	Oct 2022 - Aug 2023
<ul style="list-style-type: none">• Feature Development: Architected and implemented over 30+ features using Java and Spring, including vendor integration modules that improved operational efficiency and customer satisfaction by 15%.• System Stability: Improved legacy codebase by resolving 200+ critical bugs, and performing root cause analysis for recurring issues, boosting overall system uptime.• API Integration: Integrated third-party REST APIs of asset management systems, automating the asset import process and reducing manual intervention by 40% through technical design and implementation.• Documentation: Promoted documenting work on JIRA and Confluence, improving team collaboration and reducing Onboarding time by 25%.	
Associate Software Developer, OpenText Technologies, Hyderabad, India	Jan 2021 - Sep 2022
<ul style="list-style-type: none">• Security Enhancements: Developed a password encryption mechanism using Java and Bash, mitigating potential vulnerabilities and improving security by 70% as flagged by Fortify scans.• Frontend Development: Created a JavaScript plugin to sanitize user inputs using regex, saving 95% of manual effort in text formatting corrections.• Version Control: Leveraged git for source code management, ensuring traceability and minimizing merge conflicts during collaborative development and innovation processes.	
Software Engineer Intern, OpenText Technologies, Hyderabad, India	Oct 2020 - Dec 2020
<ul style="list-style-type: none">• Data Pipeline Automation: Designed a Java solution to parse XML files, extract structured data, and store it in MySQL databases, automating 80% of data processing tasks.	

PROJECTS

Eventique, Link
<ul style="list-style-type: none">• Built a single-page event planning application with an interactive calendar by leveraging React.js and Tailwind CSS for a user-friendly interface, Gemini-Pro API for seamless functionality and Docker for containerization.
US Car Accidents, Link
<ul style="list-style-type: none">• Churned 7.7 million records using python to forecast severity of car accidents in the USA with an accuracy rate of 87%.
Natours App, Link
<ul style="list-style-type: none">• Developed a full-stack web application for users to search, view, and book tour packages with secure payment integration, leveraging Node.js, Express.js, and MongoDB, while implementing role-based authorization and email notifications.

EDUCATION

University of North Texas, Denton, United States - Master of Science, Computer Science - GPA: 4	Aug 2025 - May 2025
Jawaharlal Nehru Technological University, India - Bachelors of Technology, Computer Science	Jun 2017 - Jun 2021