Jyoti Ghanghoriya

ghanghoriya.jyoti@gmail.com · +91-9630921878 · Website · Leetcode · LinkedIn

SUMMARY

Backend Developer with 5+ years of experience building scalable JS applications. Skilled in system architecture, infrastructure automation, and full SDLC. Expert in CI/CD, containerization, and IaC using Docker, Kubernetes, and Jenkins. Proficient in writing unit and integration tests to ensure code reliability and improve product quality. Known for delivering high-performance, secure solutions and driving team success through strong problem-solving and collaboration.

TECHNICAL SKILLS

- **Languages**: Python, Golang, Java, JavaScript
- **Databases**: MongoDB, MySQL, Snowflake, Redis
- **Tools & Platforms**: Git, SonarQube, Kubernetes, Jenkins, Docker, Grafana, VS Code
- **Operating Systems**: Linux, Windows
- **Development and Design**: OOPs, TDD**,** Agile, Solid Principles, Scalable System Design

WORK HISTORY

Senior Software Developer | SAP   Sept 2023 - Present

- Designed and developed three **Node.js-based CAP microservices** to enable seamless, fully automated integration between multiple SAP products, **eliminating 100% of manual intervention**.
- **Enabled automated provisioning** across all SAP products using **Golang operators**, empowering customers to onboard almost instantly following their purchase reducing 90% of manual provisioning.
- Led the setup of end-to-end pipelines and development clusters for operators, ensuring smooth and efficient **CICD** processes by reducing 90% of CICD time.
- Implemented validation webhooks in **Golang** to assess the behavior of resources before executing business logic which improves reliability by reducing 80% of potential issues.
- **Tech Stack** : JAVA, Golang, CICD, Kubernetes, SonarQube, Grafana, Helm, Argocd, Unit test and Integration test.

Software Engineer - Backend Developer | SAP   July 2020 - Aug 2023

- **Designed and Deployed** an Observability stack with **Kafka, Fluent Bit, Event Exporter, Logstash, and OpenSearch** in engineering environments, leading to a significant 40% reduction in Mean Time to Resolution (MTTR).
- Implemented Infrastructure automation for **one-click automation** project, including **Consul, Vault, Apigee setup and microservices,** capable of building the entire cluster with microservices in less than one hour
- Deployed SuccessFactors mobile application to **kubernetes** from docker compose infra and automated the entire release process.
- Developed a framework capable of automatically validating end-to-end OS patching for various SuccessFactors modules using **Jenkins, Shell script, and Python,** thereby reducing manual effort by 70%.

Software Developer Intern – Backend Developer | SAP   Jan 2020 - July 2020

- Developed a framework capable of performing automatic end-to-end testing for existing bots using **Node.js, Python, RobotFramework, and the Selenium Library**, thereby reducing manual testing time by 95%. Implemented process improvements and automation solutions, resulting in 15% increase in productivity.
- Automated Hana license renewal process using **java and shell script** which reduces 95% of manual effort.

EDUCATION

National Institute of Technology, Tiruchirappalli.   2020
Master of Technology | Coursework: Computer Science, Information Technology

Shri G.S. Institute of Technology & Science, Indore   2018
Bachelor of Technology | Coursework: Computer Science, Information Technology, Mathematics

PROJECTS

Capture-It

- Developed a dynamic web application using Node.js and MongoDB, enabling users to discover and review camping spots based on map-based coordinates, photos, and reviews.
- Designed a user-friendly interface with HTML, CSS, and JavaScript, allowing users to post map coordinates, share images and reviews, and update camping spot details seamlessly.
- Implemented a secure authentication and authorization system using Passport.js and JWT, ensuring only the original poster could modify or delete their posts.

- Integrated Mapbox API for dynamic map coordinate rendering and utilized Cloudinary for streamlined image management, enhancing application functionality and user experience.
- Tech Stack: HTML, CSS, JavaScript, Node.JS, Express.JS, MongoDB

Learning summary prior representation for extractive summarization | NIT,Trichy

- Developed **a novel summarization system, PriorSum**, utilizing enhanced **CNN** to capture summary prior features from length-variable phrases. Integrated these features with document-dependent features in a regression framework for sentence ranking, achieving superior performance on DUC generic summarization benchmarks compared to state-of-the-art baselines.
- Successfully implemented project on extractive summarization to generate effective summaries on DUC Dataset with **ROUGE-1 and ROUGE-2 Score as 35.57 and 10.07.**Managed data integrity by handling missing values and encoding categorical variables,enhancing quality by 33%.
- Tech Stack: Python, PyTorch, NLTK, Scikit-learn, NumPy/Pandas, DUC Dataset, ROUGE(ROUGE-1, ROUGE-2)

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals | *CERTIFICATE*   *March 2023*

- ○ Mastered fundamental Python syntax, proficiently utilizing control flow, loops, functions, and data structures.
- ○ Acquired expertise in procedural programming paradigms and associated logical concepts, enhancing capabilities.

Introducing Robotic Process Automation | *CERTIFICATE*   *Jan 2018*

- ○ Learned about the data ecosystem, including the ETL process and big data basics.
- ○ Mastered data gathering, identification, and cleaning for analysis preparation.