VIKRAM KUSHWAHA

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SUMMARY

DevOps Engineer at Accenture Japan with experience of **end-to-end DevOps** lifecycle; **Cloud Architecting**; & Backend Development. I love creating Scalable, Reliable & Highly available solutions as well as writing automation scripts/modules & backend integrations. **Multi-cloud certified** with a demonstrated ability to quickly adapt to new technologies, continually learning to be better than yesterday.

SKILLS

Programming Languages:	**Python**, JavaScript(NodeJS), groovy, Go, C++
DevOps:	**CI/CD pipelines, Git**, Cloud Platforms (**AWS, GCP, Azure**), Docker, Kubernetes, Jenkins, Linux/UNIX Admin, Networking & Security, IaC (**Terraform**, CloudFormation), **SRE principles**, Serverless, Nginx, dagger.io, Open-Source, etc
DB and Big Data:	PostgreSQL, BigQuery
Languages Spoken:	English, Japanese(*conversational* ↗), Hindi, Maithili

EXPERIENCE

Accenture Japan Ltd
Tokyo, Japan

Senior DevOps Engineer
May 2023 - Present

- AWS DevOps: CI/CD lifecycle management, with AWS CodePipeline. **Time-to-release speed 2X**, toil reduction. Feature release & integration.

- Google Cloud: **Serverless**, Containerized **Microservices** - architecting, development & deployment. Successfully **delivered ahead of schedule**. Handled **migration** from on-premise to cloud.

- Pipeline Development in Python: Plan & Develop **platform independent pipelines** & Python modules. Also allowing for containerization using dagger.io. Achieved versatile solution, **deployable on cloud, on-prem & hybrid Infra.**

- DevOps Lifecycle: **3-tier App**(frontend, API and DB) with CI/CD; Git; Jenkins, SonarQube, ECR, Nexus, etc. **Azure Serverless** Architecture

DevOps Engineer
Feb 2022 - May 2023

- Successful implementation of a comprehensive monitoring and alerting system for highly available Web3 app. **AWS Monitoring & Observability tools; reducing downtime by 30%** and enabling proactive issue resolution.

- Developed a remote workstation solution (similar to **Amazon Workspaces**) on Linux VMs, isolated **Docker in Docker** and **SSH** tunneling, allowing for seamless login and resource customized workspace.

- Rolled out **Multi Factor Authentication** to enhance security on internal platform. Tools: Keycloak, Nginx Server

- AWS **IaaC**(CloudFormation); AWS SDK for JS. Automated server creation using **AWS Lambda** & **Selenium Automation** scripts, eliminating manual steps and ensuring faster deployment of new servers.

CERTIFICATES

- **Google Cloud:** Professional Cloud DevOps Engineer ↗ · Professional Cloud Architect ↗ Associate Cloud Engineer ↗ · Cloud Digital Leader ↗

- **Amazon Web Services:** AWS Cloud Practitioner ↗

- **Generative AI** ↗

EDUCATION

Indian Institute of Technology Indore
Indore, India

Bachelor of Technology , Computer Science and Engineering (**CSE** ↗)
2017 - 2021

INTERNSHIPS & UNIVERSITY PROJECTS

MaxedS *(SDE Intern)*

- **Among the first members**, built the company's domain, Responsible for security maintenance of the domain & G Suite; achieved >**99%** email delivery rate. Workflow Automation, CRM rollout

Appointy *(SDE Intern)*

- **SaaS** based Product Development with **Golang. REST API** integration with legacy MS Exchange.

- Travel Time Optimization using Machine Learning ⬈	*Python, **Jupyter Notebook, ML, AI***
- Music Recommendation System ⬈	*Jupyter, Computational Intelligence*
- Detumbling of Spacecraft after deployment from launch vehicles ⬈	*Python, MATLAB*
- 3D Model of a classroom in OpenGL ⬈	*C++, OpenGL*

ACHIEVEMENTS & RESPONSIBILITIES

Vice President	Electronic Club, IIT Indore, 2019
99.85 Percentile	JEE Main 2017
98.40 Percentile	JEE Advanced 2017
KVPY Fellowhship Award	Dept. of Science & Tech (**Govt of India**), 2016