# Singh G

DevSecOps Engineer, 7+ years experience
Mohali, India
https://augmntx.com/profile/devsecops-engineer-singh-g/axo29802

+91 9820045154 | hr@augmntx.com

Cloud, DevOps & Security Engineering professional skilled in building and managing scalable, secure, data-intensive systems on AWS and GCP. Specialized in cloud-native and secure-by-design architectures using Python, Terraform, and Kubernetes. Strong focus on DevSecOps, CI/CD security automation, cloud security best practices, and application security (OWASP, threat modeling). Skilled in FedRAMP Moderate compliance alignment, AWS STIG-based hardening, and NIST 800-53 security controls. Proficient in infrastructure code security, vulnerability scanning (Snyk, Nessus, Trivy, Checkov), patch management, secrets management, infrastructure hardening, and embedding security throughout the software development lifecycle.

**INDUSTRIES:** FinTech, Logistics

## TECHNICAL SKILLS

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|---|---|
| • Java Developer | 10 years |
| • React Native | 9 years |
| • Blockchain | 9 years |
| • ASP.NET MVC | 9 years |
| • DevOps and CI CD | 5 years & 5 months |
| • GenAI | 5 years |
| • Data Science | 5 years |

## PROJECT DETAILS

• Fintech

Project Description: This is SaaS based Fintech App. This platform Automate financial workflows, optimize spending, and gain real-time visibility while earning cashback on every transaction- all from one intelligent platform.
Responsibilities: Developed this portal from scratch from designing till deployment of website and mobile apps for both platforms.
Technologies: Java, Kotlin, Swift, AI
Industry: FinTech
Link: https://www.tera.cloud

• Utifo

Project Description: This is an ecommerce and logistic based app. We also integrated AI Chatbot in this app.
Responsibilities: Designed and developed this project from scratch, taking ownership of the complete lifecycle from initial requirement gathering, architecture design, and technology selection to implementation, testing, deployment, and post-deployment optimization.
Technologies: AI, Kotlin, Java, AI Agent, NLP
Industry: Logistics

## EMPLOYMENT HISTORY

• DevSecOps Engineer

Description: Built CI/CD pipelines with integrated security stages (SAST, DAST, dependency scanning). Automated secure deployments of containerized applications using Docker and Kubernetes (GKE). Applied AWS security best practices with IAM, secrets management, and cloud resource hardening. Used Terraform to provision and secure cloud infrastructure as code. Embedded DevSecOps practices by aligning pipelines with OWASP guidelines and security checks.

## EDUCATION

• Bachelors degree in Btech from Kurukshetra University 2008 - 2012

## LANGUAGES

• English - advanced

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