Ayush Mangla

Software Engineer

A passionate Software Engineer eager to contribute to team success through hard work, attention to detail with 2 years of experience in the Fintech domain. Proficient in building and deploying microservices, cloud-native, scalable, cost-efficient applications, and using robust tech **AWS, Kubernetes, Docker, Java, Spring Boot, and Python, CI-CD** . Strong focus on automation, security, cost-optimized and test-driven development, with proven contributions aligned with business needs and organization growth.

✉ aayushmangla260@gmail.com

📍 Faridabad, India

in linkedin.com/in/ayush-mangla-9a1a8b1a5

📱 9643018088

🖥 ayushmangla260.github.io/ayushportfolio.github.io/

○ github.com/AyushMangla260

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER
Fidelity International

08/2023 - Present   *Gurugram, India*
Achievements/Tasks

- Designed and developed multiple **microservices** and **REST APIs** using **Spring Boot** and **Python** , deployed on AWS with Kubernetes and Docker.
- Implemented **automation workflows** using AWS Step Functions and Lambda to eliminate manual processes (e.g., automated EC2 AMI upgrades, automated RDS scheduling, error logging with CloudWatch → Moogsoft integration).
- Enhanced **entitlement service** APIs ensuring secure and high-performing backend systems.
- Optimized cloud usage, delivering **$1,300/month cost savings** by reducing infrastructure costs from $2,900/month to $1,600/month.
- Focused on **test-driven development** , ensuring high test coverage and minimizing vulnerabilities flagged by **CXone, Nexus, Harbor, SonarQube** .
- Actively participated in organizational **hackathons** , qualifying among top-performing teams.

Internship
Fidelity International

06/2022 - 07/2022   *Gurugram, India*
Achievements/Tasks

- Worked on two different projects based on emerging Technologies with Global Innovation Team.

EDUCATION

B.Tech. Computer Science (Data Science)
The Northcap University Sector 23,Gurugram

07/2019 - 07/2023   *cgpa : 8.6*

class XII
MVN Sector 17,Faridabad

2017 - 2019   *81.6%*

class X
Tagore Academy Public School Sector 3,Faridabad

2017   *cgpa : 10*

TECHNICAL SKILLS

Programming Java Python Springboot

Microservices AWS (Amazon Web Services) TDD

GIT Jenkins Kubernetes NLP Linux

MYSQL Postgresql MONGODB Docker

Data Structures And algorithms JAVASCRIPT

CERTIFICATIONS & ACHIEVEMENTS

AWS Certified Developer – Associate (Jul 2025)

AWS Certified Cloud Practitioner (Apr 2024)

Automations
Delivered multiple production-grade automation and cost-saving solutions in fintech domain.

PROJECTS (ACADEMIC)

Self Porfolio Webpage
- Built and hosted my own portfolio website
- https://ayushmangla260.github.io/ayushportfolio.github.io/

Tic-Tac-Toe Game Android App
- Built a Android app using java on android studio featuring 2 players tic-tac-toe game having design elements basketball and football as opponents

Driver Drowsiness Detection Systen
- A Python Model used to detect Drowsiness state of driver and alert by beeping alarm.

Hotel Management System
- Programmed a advanced Java and mysql based application to Manage Hotel with functionalities like Login and CRUD operations on employees.

HOBBIES AND INTEREST

Technology Travel Automobiles