

Subham Padhi

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TECHNICAL SKILLS

Languages: Golang, Node.js, Python, C/C++, Typescript, SQL, Bash

Tools and Technology: Docker, Kubernetes, Linux, Terraform, Postman, Burpsuite, Wireshark, Kafka

Interests: Computer Architecture, Cloud Computing, Information Security, System Design

EDUCATION

International Institute of Information Technology

Bachelor of Technology in Computer Engineering (CGPA: 8.48)

Bhubaneswar, IN

Jul 2019 - Jul 2023

EXPERIENCE

Senior Software Engineer (Payments)

KFin Technologies

Hyderabad, IN

Nov 2024 - Present

- Designed and developed a centralized payment integration service (KfinPay) supporting **25+ AMCs** and all Kfintech products, reducing system fragmentation and enabling seamless transactions
- Integrated with **major banks and payment gateways**, enabling **UPI, cards, and net banking** payments — decreased payment-related issues by **80%** and accelerated project delivery by **3 months**
- Implemented CI/CD** pipelines with automated unit and integration testing, achieving **80%+** code coverage to ensure reliability and faster releases
- Conducted **SAST and DAST** security scans during development to proactively identify and mitigate vulnerabilities
- Deployed **ELK Stack** for centralized **logging and monitoring**, and integrated OpenTelemetry for real-time distributed tracing and performance visibility

Software Engineer

MAQ Software

Hyderabad, IN

Jan 2023 - Nov 2024

- Designed backend solutions** for ingesting data from **diverse sources**, streamlining data flow into robust, scalable **data pipelines**
- Architected real-time data systems** for **inventory management**, reducing processing latency from **5 minutes to 30 seconds**, significantly improving **system responsiveness** and enabling faster business decisions
- Developed LoadFAST**, an in-house framework to **automate performance and load testing**, replacing manual efforts and improving reliability. (LoadFAST [🔗](#))
- Created **MigrateFAST**, a custom application to automate **Tableau-to-Power BI** report migration — reduced manual effort by **75%** and minimized migration errors
- Optimized overall data pipeline performance by 45%** through strategic refactoring and optimization of **notebooks**, resulting in faster execution and improved resource utilization

Cloud Engineering Intern

Dichroic Labs LLP

Remote

Jul 2020 - Apr 2021

- Developed Automation script for **daily backup** procedures of web applications
- Deployed a robust **CI/CD Pipeline** on AWS by utilizing AWS CodeCommit and AWS CodePipeline, resulting in efficient and streamlined software delivery
- Recovered** data from a **Non-Bootable EC2 Instance**, maintaining SLA recovered lost transactions
- Reduced** the Cloud Cost by **50%** by using Auto Scaling and Spot Instances.

COURSES AND CERTIFICATIONS

EC-Council Security Analyst [🔗](#)

Cisco Certified Network Associates v7 [🔗](#)

Certified Network Security Specialist [🔗](#)

DP-600: Microsoft Fabric Analytics Engineer [🔗](#)

ACHIEVEMENTS

MAQ Software Spot Award 2023, 2024

Flipkart Grid 3.0 Security Challenge Finalist