

# Subhadip Pahari

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## SUMMARY

- **10+ years of experience** in software architecture, backend systems, and high-performance web/mobile applications
- Proficient in React, Vue, JavaScript, Go, Python, SQL, Docker, Kubernetes, CI/CD, and automation
- Expertise in AI/ML, multi-cloud (AWS, GCP, Linode), and software testing

## EXPERIENCE

### Lykas Inc.

San Francisco, CA, USA

Senior Software Engineer (Architect)

Feb 2024 – Present

- Supervised a team of seven developers in architecting multi-cloud systems (AWS, GCP, Linode) for fail-safe availability.
- Spearheaded the architecture upgrade to version 2, boosting performance by 75% and reducing bugs by 30%.
- Released CDN-based frontend and Kubernetes-backed microservices for high availability.
- Authored 70+ pages of documentation and advanced encryption infrastructure for Protected Personal Information (PPI).

### California State University Fullerton

Fullerton, CA, USA

Graduate Student Assistant (part-time)

Nov 2022 – Dec 2023

- Customized 5 applications using ServiceNow, integrating third-party services for workflow automation.
- Refined a mobile campus map application serving 30,000 students using iOS and Android technologies.

### Spak Engineering

Bangalore, India

Full-Stack Developer

Sept 2021 – Aug 2022

- Managed a team of 5 to craft an Edtech platform with microservices architecture from inception to deployment.
- Optimized backend systems using Python and Node.js, reducing API response times by 60% created internal CLI tool using Go.
- Transformed a **single MySQL server to 4 multi-master clusters**, reducing query time from 5s to 200ms.
- Implemented CI/CD pipelines with Kubernetes, increasing deployment frequency by 30%.

### Novelship Pte Ltd

Singapore

Product Engineer

May 2021 – Sept 2021

- Enhanced e-commerce applications by developing APIs in Nodejs- Express and Python-fastAPI, supporting 1M+ daily users.
- Scaled product search functionality and managed over **3 million daily API requests** during peak festive periods.
- Created 80+ React and React Native components for web and mobile apps (Android and iOS).

### Augustus89 Pvt Ltd

Gurugram, India

Senior Software Engineer

Nov 2020 – Apr 2021

- Developed fintech applications using JavaScript, and Python, increasing customer engagement by 15%.
- Engineered secure data protection modules using advanced encryption and tokenization techniques.
- Automated financial data analysis using Python and machine learning algorithms.
- Integrated 25% of APIs on AWS Lamda as serverless high-availability functions and 75% of APIs deployed on Kubernetes pods.

### 1101 Tech Corporation

Gurugram, India

Software Engineer

Oct 2018 – Oct 2020

- Built 5 full-stack applications using Node.js, Java (Spring-boot), and Go, including databases with Firebase and MongoDB.
- Migrated monolithic systems to microservices, enhancing scalability and system uptime.
- Optimized SQL queries for the HR CMS app, reducing response times by 20%, and developed an SQL backup scheduler CLI.

### Kahuna Homes

Mumbai, India

Software Engineer

Aug 2014 – Sept 2018

- Launched employee management systems using Python and the MERN stack with Docker containerization.
- Deployed high-availability web applications using AWS EC2, S3, and API Gateway services.
- Reduced delivery times by 35% through the implementation of Jenkins CI/CD pipelines.

## EDUCATION

### California State University Fullerton

Fullerton, California, USA

Master of Science in Software Engineering

Aug 2022 – Dec 2023

## TECHNICAL SKILLS

- Backend: Python (Django, FastAPI), JavaScript (Node, Express), Java (Spring Boot), Go (Echo, Fiber)
- Frontend: React.js, Next.js, React-Native, Angular, Vue.js, Nuxt.js
- Databases: MySQL, PostgreSQL, MongoDB, Redis, DynamoDB
- Tools: Kafka, RabbitMQ, API Gateway, AWS, Google Cloud, Git, Jira, Agile (Scrum, XP)
- DevOps: CI/CD (Jenkins, GitHub Actions), Terraform, Ansible, Docker, Kubernetes