

Subhadip Pahari

Software Developer and Cloud Engineer

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PROFILE

- **10 years of SDE experience** in scalable app development (Frontend/Backend) and cross-platform mobile apps.
- Expertise in React, Vue, Angular, Node.js, Python, Go lang, REST API, Artificial Intelligence (AI), and Machine Learning (ML).
- Experience in Docker, Kubernetes, CI/CD, and software testing (Unit test, Selenium, Robot Framework, Cypress).
- Extensive experience with **AWS (Solutions Architect - Associate)** and **Google Cloud (Professional Cloud Architect)**.

CLOUD CERTIFICATES

Google Cloud Professional Cloud Architect — https://www.credly.com/badges/872e665e-400d-49f2-8052-6dd255f30904/public_url

AWS Solutions Architect - Associate — https://www.credly.com/badges/872e665e-400d-49f2-8052-6dd255f30904/public_url

SKILLS

Language: Java, JavaScript, TypeScript, Python, Go, PHP, C, C++, HTML5, CSS3	Cloud Platforms and Services: AWS (Lambda, EC2, S3, ElasticSearch, Step Functions), Google Cloud Platform (GCP)
Backend: Python (Django, FastAPI), JavaScript (Node.js, Express.js), Java (Spring Boot, Hibernate, Spring MVC, Spring Data), Go (Echo, Fiber)	Tools: Kafka, RabbitMQ, API Gateway, LoadBalancers, Git, Jira, Agile (Scrum, XP)
Frontend: React.js, Redux.js, Next.js, React Native, Vue.js, Nuxt.js, Tailwind, Bootstrap, HTML5, CSS3	Testing Frameworks and Tools: Jest, React Testing Library, Selenium, Cypress, JUnit, Postman
Databases: MySQL, PostgreSQL, MongoDB, Redis, DynamoDB, Cloud spanner, Firebase Database	DevOps: CI/CD (Jenkins, GitHub Actions, GitLab CI), Terraform, Ansible, Docker, Kubernetes, Helm charts

PROFESSIONAL EXPERIENCE

Senior Software Engineer Lykas Inc. <ul style="list-style-type: none">• Led a team of seven developers on a high-impact, large-scale fintech project, promoting agile methodologies and fostering a collaborative culture to deliver high-performance and quality-driven outcomes.• Architected and deployed a scalable, multi-cloud infrastructure utilizing AWS, GCP, and Linode, achieving high availability, fault tolerance, and robust backend and database reliability.• Directed a comprehensive system architecture overhaul (version 2), increasing system performance by 75% and reducing bugs by 30%, resulting in enhanced stability and user satisfaction.• Developed a micro-frontend architecture with Vue.js and React, leveraging CDN for optimized content delivery, high availability, and seamless user experience.• Designed and implemented Kubernetes-driven microservices, integrating service discovery, load balancing, and circuit breaker patterns to ensure scalability, resilience, and efficient resource utilization.• Authored 70+ pages of technical documentation and created advanced encryption protocols to securely handle Protected Personal Information (PPI), meeting regulatory compliance and data security standards.	02/2024 – present San francisco, USA
Software Developer California State University Fullerton <ul style="list-style-type: none">• Worked as a student assistant. Deployed five ServiceNow applications incorporating Catalog Item, Glide Record, and workflow features to streamline campus services and drive higher user engagement.• Improved workflow functionality by integrating third-party services and working closely with stakeholders to refine project scope and meet diverse requirements.• Created a mobile campus map application for iOS and Android, providing real-time navigation and accessibility to over 30,000 students with Google and Apple Maps integration.• Performed extensive testing on mobile and ServiceNow applications to ensure reliability and deliver a seamless, cross-platform user experience.	11/2022 – 12/2023 Fullerton, USA

Full-Stack Developer

09/2021 – 08/2022 | Bangalore, India

Spak Engineering

- Led a team of five through the entire development lifecycle of an EdTech product, implementing a microservices architecture to enhance modularity and scalability.
- **Refactored 30% of legacy APIs and developed 20% of new REST endpoints**, optimizing backend performance and expanding application functionality.
- Upgraded a single MySQL server to a four-node multi-master cluster, cutting **query times from 5 seconds to 200 milliseconds** and significantly improving database efficiency.
- Integrated CI/CD pipelines with Kubernetes, accelerating software delivery speed and reliability by 30%.
- Established Cypress testing to enhance system performance and validate user interactions, strengthening application dependability.
- Authored 50+ pages of technical documentation covering Backend, Frontend, Database, and overall system architecture to ensure maintainability and clear development guidelines.

Product Engineer

05/2021 – 09/2021 | Singapore

Novelship Pte Ltd

- Developed 30% of new REST APIs and refactored 20% of legacy backend code, improving functionality for high-traffic E-Commerce applications.
- Built over 80 React components for both web and React Native mobile apps (Android and iOS), facilitating cross-platform development.
- Optimized product search for over **1 million daily users**, enhancing the user experience on web and mobile platforms.
- Scaled the coupon system to **handle over 3 million daily API requests during peak festive periods**, ensuring consistent performance under heavy traffic.
- Implemented robust backend testing protocols to achieve high test coverage, maintaining service reliability across applications.

Senior Software Engineer

11/2020 – 04/2021 | Gurugram, India

Augustus89 Pvt Ltd

- Led the design and maintenance of a FinTech application, boosting customer engagement by 15% through feature enhancements and an improved user experience.
- Delivered a Data Protection module utilizing Tokenization and AES256 encryption, strengthening security and meeting industry compliance standards.
- Implemented NLP techniques to analyze email content, enabling extraction of key financial information for better data management.
- Built and launched an automated financial data analysis tool within three months, enhancing operational efficiency and reducing manual effort.
- Architected serverless, high-availability functions by deploying 25% of APIs on AWS Lambda and 75% on Kubernetes pods, improving scalability and reliability.

Software Engineer

10/2018 – 10/2020 | Gurugram, India

1101 Tech Corporation

- Oversaw Firebase implementation for real-time database, authentication, and CDN hosting across five applications, enhancing scalability and user experience.
- Improved performance and user satisfaction in an HR management application by optimizing SQL queries, reducing response times by 20%.
- Migrated two monolithic applications to a microservices architecture, significantly increasing scalability, maintainability, and consistency in deployments.
- Enhanced code integrity and maintainability by refactoring 25% of the legacy codebase across multiple applications.
- Set up a distributed MongoDB cluster with optimized data storage and continuous backup, ensuring robust and reliable data management.
- Created a CLI-based SQL backup scheduler for the HR CMS application, streamlining data management and improving data reliability.

Software Engineer

08/2014 – 09/2018 | Mumbai, India

Kahuna Homes

- Developed a scalable Employee Management System using the MERN stack and Docker containerization, facilitating efficient deployment and scalability.
- Deployed web applications on AWS, utilizing EC2 instances, S3 Buckets, and API Gateways to ensure robust performance and availability.
- Established a Jenkins CI/CD pipeline, increasing delivery efficiency by 35% through automated testing and streamlined deployment.
- Adopted Agile-Scrum methodologies to improve project efficiency, ensuring on-time delivery and alignment with product goals.
- Automated MySQL backups on EC2 with secure storage on AWS S3 Buckets, enhancing data reliability and backup consistency.

EDUCATION

Master of Science - Software Engineering

08/2022 – 01/2024 | Fullerton, USA

California State University Fullerton

GPA: 3.90 / 4.00