Subhadip Pahari

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Summary

9+ years of SDE experience in scalable app development (Frontend/Backend) and cross-platform mobile app.
Expertise in **React, Vue, Angular, Node.js, Python, Go lang, REST API, Docker, Kubernetes, CI/CD**
Experience in software testing (Unit test, **Selenium**, Robot Framework, **Cypress**)
Worked in the fields of Artificial Intelligence(AI) , Machine Learning(ML).

Experience

California State University Fullerton — California, USA
Graduate Student Assistant — November 2022 - December 2023
- Deployed five user-facing ServiceNow applications using Catalog Item, Glide Record, and workflow.
- Enhanced workflow with third-party services and streamlined project scopes & requirements with stakeholders.
- Built campus map mobile application (iOS/Android) for 30k students (using Google and Apple Maps).
- Performed thorough testing for both mobile and ServiceNow applications to ensure reliability.

Spak Engineering — Bangalore,India
FullStack Developer — September 2021 - August 2022
- **Led a team of 5 developers** to build an Edtech product from inception to deployment, using microservices.
- Revamped 30% of legacy APIs and implemented 20% of new REST endpoints in the backend project.
- Transformed single MySQL server to 4 multi-master clusters, **reducing query time from 5s to 200ms**.
- Implemented CI/CD pipeline & Kubernetes deployments, resulting 30% increase in software delivery.
- Implemented Cypress Testing to ensure system performance and user interaction functionality.
- Created 50+ project documentation pages for Backend, Frontend, Database, and system architecture.

Novelship Pte Ltd — Singapore, Singapore
Product Engineer — May 2021 - September 2021
- Developed 30% new REST APIs and transformed 20% of legacy backend code for E-Commerce app.
- Contributed to creating 80+ React components for web and React Native mobile apps (Android and iOS).
- Optimize the product search functionality for over **1 Million+ users** on web and mobile platforms.
- Scaled coupon system to accommodate **3 Million+ daily API requests** during peak festive periods.
- Implemented Backend testing, ensuring comprehensive coverage and reliability across all services.

Augustus89 Pvt Ltd — Gurugram, India
Senior Software Engineer — November 2020 - April 2021
- Led FinTech app design and maintenance, resulting in a 15% customer engagement increase.
- Delivered Data Protection module with Tokenization and AES256 encryption for enhanced security.
- Implemented NLP techniques to parse email content, extracting critical financial details.
- Developed and deployed an automated financial data analysis tool in 3 months, enhancing efficiency.
- Deployed AWS Lambda (serverless functions) & AWS API gateway for maintaining high availability.

1101 Tech Corporation — Gurugram, India
Software Engineer — October 2018 - October 2020
- Led development of 5 applications, managed Firebase for real-time database, auth, and CDN hosting.
- Optimized SQL database queries of the in-house HR Management app, reducing response times by 20%.
- Transformed two monolithic projects into microservices, boosting scalability and maintainability.
- Enhanced codebase integrity and maintainability through refactoring, optimizing 25% of old codebase.
- Implemented distributed MongoDB cluster with efficient data storage and continuous backup.

Kahuna Homes <div style="text-align: right">Mumbai, India</div>
Software Engineer <div style="text-align: right">August 2014 - September 2018</div>

- Developed Employee Management System using MERN stack and Docker containerization technology.
- Implemented AWS EC2-instances, S3-Bucket, and API gateways for the deployment of web applications.
- Used Jenkins CI/CD pipeline for auto testing and deployment, resulting in a 35% increase in delivery.
- Successfully adopted Agile-Scrum methodologies, enhancing project efficiency and ensuring on-time delivery.
- Performed auto MySQL backup deployed on EC2 and keep the backups on AWS-S3 buckets.

Skills

Backend: Python (Django, Fast-API), 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
Tools: Kafka, RabbitMQ, API gateway, AWS, Git, Jira, Agile (scrum & XP)
DevOps: CI/CD (Jenkins, Github Action), Terraform, Ansible, Docker, Kubernetes

Education

California State University Fullerton <div style="text-align: right">California, USA</div>
Master of Science, Software Engineering (GPA: 3.90 /4.0) <div style="text-align: right">August 2022 - December 2023</div>
Relevant Coursework: Software Architecture, Modern Software Management, Software Standards & Requirements.

Projects

Dual Encrypt <div style="text-align: right">CSU Fullerton , USA</div>
https://github.com/FullyHacks2023/dualEncrypt <div style="text-align: right">February 2022 - March 2022</div>

- Developed a dual-layer AES256 encryption web app for frontend and backend to ensure double encryption and prevent accidental data breaches.
- Technologies used are: Node.js, Vue.js, MySQL, AES-256 crypto module.

Async API Gateway <div style="text-align: right">CSU Fullerton , USA</div>
https://github.com/subhadip1203/API-gateway <div style="text-align: right">August 2023 - December 2023</div>

- Developed an Async API gateway using Node.js, Express, and Axios.
- Implemented API call-forwarding, call-chaining, and rate-limiting.
- User can provide customizable configurations through a config.js file