

Subhadip Pahari

(657) 319-5550 | subhadip1203dev@gmail.com | LinkedIn: subhadip-pahari | GitHub: subhadip1203

WORK EXPERIENCE

California State University Fullerton, California, USA
Student Assistant App Development

November 2022 - Current

- Working on ServiceNow and Deployed five user-facing applications using Catalog, Glide Record, Scripts
- Integrated third-party services and external APIs for ServiceNow workflow for a better user experience

Spak Engineering, Bangalore, India
Full Stack Developer

September 2021 - August 2022

- Led five developers in creating an Edtech product from scratch using technologies like Node.js, MySQL, and Docker.
- Evaluated the existing Node.js backend project, rewrote **30% of the old APIs** & created **20% of new REST endpoints**.
- Revamp database schema and Transform a single instance of MySQL server to 4 MySQL clusters (master-slave architecture), improving database query **from 5 seconds to 200 milliseconds**.
- Single-handedly built 55+ documentation pages for backend, frontend, deployment, DB, and linting.

Novelship, Singapore
Product Engineer

May 2021 - September 2021

- Developed JSON-based REST APIs using Node.js - PostgreSQL, **Transformed 20% of legacy code** in the back end.
- Delivered more than 80 new React components for Web-app and React-Native mobile apps (Both Android and iOS)
- **Shipped a new feature to 2M+ users** to improve the product search experience for both web and mobile platforms
- Managed to **scale up coupon system to handle 1M+ users per day** during the festive season

Augustus 89, Gurgaon, India
Senior Software Engineer

November 2021 - April 2021

- Designed and maintain FinTech application modules using Python, Node, PostgreSQL, React, docker, and Kubernetes
- Handles **User Personal Data Protection module** to safeguard against any data leaks.

1101 Tech Corporation, Gurgaon, India
Software Engineer

October 2018 - October 2020

- Coordinated the development of 5 applications from scratch leveraging Node, Python, MongoDB, SQL, React, Docker
- Converted two monolithic code-based projects into the micro-service-based docker container, Integrated third-party APIs.
- Shifted session-based authentication to JWT-based authentication and **Refactor 25% old code**.

PROJECTS

API Gateway - <https://github.com/subhadip1203/API-gateway>

August 2022 - November 2022

- Designed an API gateway (call forwarding and chaining) using mask backend API
- The technology stack is NodeJs and express.js

JWT Library - <https://github.com/subhadip1203/jwt>

February 2020 - March 2020

- Implemented JSON Web Token using SHA256 and SHA512 encryption
- The package is written from scratch using Node.js inbuilt Crypto package (no external npm packages are used)

EDUCATION

California State University Fullerton, California, USA
Master of Science, Software Engineering (GPA: 3.9)

Expected Graduation December 2023

Relevant Coursework: Software Architecture, Modern Software Management, Systems and Software Standards & Requirements

TECHNICAL SKILLS

1. **Languages / Database:** Python, JavaScript, PHP, Go, Java, MySQL, PostgreSQL, Redis, Mongo
2. **Frameworks / Libraries:** Flask, Django, FastAPI, Node.js, React.js, Vue.js, React-Native, Spring Boot
3. **Applications / Developer Tools:** Kubernetes, Docker, Reverse Proxy, API gateway, AWS, Git, Jira, Agile (scrum & XP)