Jyotirmoy Bandyopadhayaya

Kanchrapara, India | hi@b68.dev | +91 62915 59872 | linkedin.com/in/bravo68web

github.com/bravo68web

Summary

Accomplished Software Engineer with a over 3 years of professional experience and proven track record of leading high-impact projects. Expert in optimizing performance, enhancing quality, and delivering user-centric solutions for top-tier organizations. Dedicated mentor, passionate open-source advocate, and active contributor to the developer community.

Education

Lovely Professional University, Bachelor of Technology in Computer Science and Engineering – Jalandhar, India
June 2020 to June 2024

- Scored GPA of 7.8/10
- Major in Cyber Security

Experience

Senior Software Developer, Engineer's Cradle
July 2024 to May 2025

- Founding Engineer and Team Lead
- Build M2M Service Auth Registry for secure authentication and authorization of microservices with Rust using Actix and Tokio
- Build and maintained the backend of the platform using TypeScript and Rust
- Implemented a custom GraphQL server with Go and PostgreSQL for public facing APIs
- Developed and maintained the platform's CI/CD pipeline using GitHub Actions
- Skill set :- TypeScript, Bun, Go, Rust, PostgreSQL, Couchbase, Redis, AWS, GitHub Actions, GraphQL

Backend Developer, SaaSDen
June 2023 to Nov. 2023

- Developed cron based microservice for refreshing access tokens of third-party APIs using Tokio and Redis
- Implemented a python based microservice for processing and analyzing analytics data
- Build deployment workflows for platform using GitHub Actions
- Skill set :- TypeScript, Python, Rust, PostgreSQL, Redis, AWS

Site Reliability Engineer, SharpSell
Feb. 2023 to Apr. 2023

- Infrastructure Management as AWS Administrator
- Skill set :- AWS, CodeBuild, CodePipeline, ECS, EC2, ECR, GitHub Actions

SDE Intern, Hybr1d
July 2022 to Dec. 2022

- Developed and maintained backend APIs of the Hybr1d platform
- Migrated from Ruby on Rails to TypeScript
- Skill set :- Node.js, Express.js, MongoDB, REST API, JWT, PostgreSQL, Hasura, GraphQL

DevOps Engineer, Engineer's Cradle
Jan. 2021 to Jan. 2022

- Developed and Deployed scalable applications
- Skill set :- CI/CD, Docker, Gitlab, AWS, Deployment Planning, DevOps, Git

Projects

Pacsearch
June 2024

- Pacman Package Finder for Arch Linux
- Indexed over 130,000 Arch Linux packages

- Tech Stack: Next.js, TypeScript, TailwindCSS, Rust, Github Actions, GraphQL, PostgreSQL

Zer0bin   Apr. 2024

- Place to paste code/text and share with others
- Tech Stack: Pug, Vite, TypeScript, Rust, Github Actions, GraphQL, PostgreSQL

SHX   Aug. 2023

- Shx is a platform ment to store and share files, images, text and URLs with ease.
- Tech Stack: Next.js, TypeScript, TailwindCSS, Express, Cloudflare

Synode   June 2024

- Won 2nd place in HackForBengal 2024
- Synode (pronounced sai-node) is payment app from the future, to unplug and pay. Supports offline payments
- Tech Stack: TypeScript, AVAX Blockchain, Flutter, Dart, AWS, Cloudflare

Certifications

Certified Ethical Hacker v12 by EC-Council   Apr. 2024

Certified Penetration Testing Specialist by HackTheBox   July 2024

Skills

Web Development: HTML, CSS, JavaScript, Node.js, Express.js, React.js, Next.js

Programming: Python, JavaScript, TypeScript, C++, Rust, Go, Bash

Databases: PostgreSQL, SQLite, Redis, MySQL, MongoDB, Couchbase

Tools: Postman, Vim, VS Code, Git, GitHub, Nginx

DevOps: AWS, Heroku, Netlify, Vercel, DigitalOcean, Google Cloud, Azure, GitHub Actions, CodeBuild, CodePipeline, ECS, EC2, ECR, GCP, Azure, CloudFlare

Cyber Security: CEHv12, CPTS, Security Researcher, CTF Player, OWASP, DevSecOps, Nmap, Burp Suite, Metasploit, Wireshark, WPScan, Nessus, Nikto, OSINT