

# Jyotirmoy Bandyopadhyaya

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## 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 present

- Founding Engineer and Team Lead for SaaS Product Development and Integration
- Building scalable applications and deployment workflow for product development
- Skill set :- Product Engineering, API Development, SaaS, Node.js, Go, Rust, PostgreSQL

**Backend Developer**, SaaSDen June 2023 to Nov. 2023

- SaaS Product Development and Integration
- Build deployment workflows for the product
- Skill set :- IAM, IT Integration, API Development, Analytics, SaaS, Node.js

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

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

**SDE Intern**, Hybr1d July 2022 to Dec. 2022

- Developed and maintained the backend 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

**ZerObin** 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

## NPM ez Dependency Adder

Feb. 2024

- Easily install npm dependencies on a single go
- Tech Stack: Next.js, TypeScript, TailwindCSS, NPM, 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

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**Certified Ethical Hacker v12 by EC-Council**

Apr. 2024

**Certified Penetration Testing Specialist by HackTheBox**

July 2024

## Skills

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

**Programming:** Python, JavaScript, TypeScript, C++ , Rust, Go, Shell

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

**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

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