

Jyotirmoy Bandyopadhyaya

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Summary

Experienced DevSecOps professional with a strong foundation in cybersecurity. Certified in CPTS and CEHv12, specializing in security research. Proven leadership skills as ex-Tech Lead for GDSC LPU and practical software development experience as ex-SDE intern at SaaSden. Passionate about CTFs, demonstrating a hands-on approach to problem-solving and security challenges.

Education

Lovely Professional University, Software Development June 2020 – June 2024

- B.Tech in Computer Science and Engineering
- Major in Cyber Security

Experience

Backend Developer, SaaSden June 2023 – Nov 2023

- SaaS Product Development and Integration
- IAM, IT Integration, API Development, Analytics, SaaS, Node.js

Site Reliability Engineer, SharpSell Feb 2023 – Apr 2023

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

SDE Intern | Nodejs Backend Developer, Hybr1d July 2022 – Dec 2022

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

DevOps Technical Lead, Engineer's Cradle Jan 2021 – Jan 2022

- Developed and Deployed scalable application
- CI/CD, Docker, Gitlab, AWS, Deployment Planning, DevOps, Git

Projects

Pacsearch June 2024

- Pacman Package Finder
- 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

NPM ez Dependency Adder Feb 2024

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

Synode June 2024

- Synode (pronounced sai-node) is payment app from the future, to unplug and pay.
- 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

Technologies

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

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