

SAWAN BHATTACHARYA

☎ +91-6291170644 ✉ sawan.bhattacharya442@gmail.com [in](#) sawan-bhattacharya [github](#) kriptonian1 [dev](#) kriptonian

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Python, Rust, Golang, Bash, HTML, CSS, Solidity
Developer Tools: VS Code, Git, Docker, Postman, Flipper, GitHub, Vercel, Figma, AWS
Technologies/Frameworks: Next.js, ReactJS, Tailwind, Node.js, Express.js, Framer, GSAP, Linux, React Native, Turborepo, Nx, Svelte

EXPERIENCE

TrueZK

June 2023 – Present

Founding Engineer

remote

- Developed the UI Design System, icon library, and RaaS platform using PNPM workspace and Turborepo for optimized component management.
- Implemented user authentication and mailing server with Node.js and Express, using PM2 for process management on an EC2 instance.
- Built an automated hosting server with AWS, Docker, and S3 for on-demand deployment; migrated IP fetcher to gRPC in Rust and developed a Go API gateway.

HealthBarosa

March 2023 – May 2023

Frontend Developer

remote

- Developed a React Native application for Android, and utilized Flipper for effective debugging and integrated essential screens such as login and settings, and other components for seamless functionality.
- Implemented a robust codebase by incorporating a linter and integrated login and OTP APIs into the application, ensuring secure user authentication.
- Collaborated closely with the design team to shape the application's flow and enhance UX.

Auxesia

May 2022 – February 2023

Frontend Developer

remote

- Resolved accessibility issues, integrated d3.js for advanced chart functionalities, and contributed to the development of profile section modules.
- Audited Vtopia's marketplace website, and achieved a 30% reduction in Largest Content Full (LCF) time. Implemented strategic technical SEO measures that significantly boosted website traffic.
- Explored Metamask Snaps for potential use cases.

PROJECTS

Keyshade [🔗](#) | [Next.js](#), [Turborepo](#), [Typescript](#), [NestJs](#)

Ongoing

- Built a secret and config management software with secret sprawl detection, achieving 130+ stars on GitHub.
- Developed a static code analysis tool for secret scanning, detecting 50+ types of secrets, with plans for high entropy detection.
- Designed and implemented the secret management platform, including a fully functional CLI and architected UI for the CLI.

OPEN-SOURCE CONTRIBUTION

FOSS Overflow IIT Bhilai

December 2021 – January 2022

- * Developed a digital wellbeing browser extension to track users screen time.
- * Implemented features that allowed users to monitor their overall digital activity across multiple devices.
- * Collaborated with a team to continuously refine and improve the extension's overall functionality.

EXTRACURRICULAR

Google DSC Lead

July 22 – June 23

- * Managed a team, fostering collaboration and achieving goals.
- * Organized impactful technical events for knowledge-sharing and networking.
- * Guided students in Google technology, supporting their professional development.

EDUCATION

NIT, Agarpara

B.Tech CSE

2021 – 2025

Kolkata, India