SAWAN BHATTACHARYA

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TECHNICAL SKILLS

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

EXPERIENCE

BaseLayer   **June 2023 – Present**
Founding Developer   *remote*
- Developed UI Design System, icon library, and RaaS platform within a monorepo using PNPM workspace and Turborepo for efficient component management and build optimization.
- Implemented user authentication and mailing server using Node.js and Express. Utilised PM2 for process management and load balancing on an EC2 instance, achieving optimal performance.
- Build an automated hosting server using AWS, Docker, and S3, to deploy any rollup faucet or block explorer on the go.

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 ⧉ | Rust, Next.Js, Turborepo, Typescript, NestJs   **Ongoing**
- Developing a configuration management solution using ECC encryption.
- Currently working on CLI which will populate the project configurations at run time on any platform.
- Will be working on a cross-language SDK, implementing Rust FFI and NAPI-RS for seamless integration into Node.js, Go, and Rust.

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 and supervised additional subordinates, fostering collaboration and achieving team goals.
- ∗ Established and cultivated a community, organizing impactful technical events to facilitate knowledge-sharing and networking.
- ∗ Guided students in stepping into Google technology, providing valuable support and insights for their professional development.

EDUCATION

Narula Institute of Technology   **2021 – 2025**
B.Tech CSE   *Kolkata, India*