JIVANSH SHARMA

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Education

Ashoka University   **Aug. 2021 – May 2024**
Bachelor of Science in Computer Science (Honors)   *New Delhi, India*
- Relevant Coursework: Algorithms, Intro To Machine Learning, Operating Systems

Experience

Freelance Software Engineer   **Jan. 2023 – Present**
Coinvise, Lakme Salon, CastMoney   *New Delhi, India*
- Lakme Salon — Developed social networking platform, scaled for 10,000 DAU, using React Native and Redux
- Coinvise — Engineered on-chain purchases as tier gated NFTs, using tRPC, RainbowKit, wagmi and next/auth
- CastMoney — Building a high velocity trading platform for cryptocurrencies, using NextJS, React Query

Ashoka University   **Aug. 2023 – Dec. 2023**
Teaching Assistant - CS1203   *New Delhi, India*
- Taught a class of 90 students the fundamentals of Computer Science, via Data Structures and Algorithms
- Built the Puzzle Week Website, a week long event with 100 participants, using Django

Ethereum Foundation — ETHIndia   **Aug. 2022 – Sep. 2022**
Software Engineer – Contractor   *Bangalore, India*
- Developed the ETHIndia Hackathon website resulting in 150k pageviews and 7000+ unique applications.
- Streamlined latency to under 800 milliseconds for First Contentful Paint using NextJS (SSR), GraphQL and Web API.

Devfolio — 2586 Labs   **Feb. 2022 – Aug. 2022**
Frontend Engineer – Intern   *Bangalore, India*
- Shipped connect wallet increasing connected Ethereum wallets by 200% using Web3JS, React and Redux
- Designed an Open Graph image generator to create dynamic renders in 600ms using Serverless functions and GraphQL
- Built and documented the Content Security Policy, preventing cross-site scripting vulnerabilities using Express & Sentry

Apni Kaksha   **Aug. 2021 – Jan. 2022**
Software Engineer – Intern   *New Delhi, India*
- Directed a Remote Code Execution Engine scaled for 10,000 concurrent requests using React and Docker.
- Launched 12 screens and 8 reusable components using React-Native for mobile app with over 100,000 downloads — Link

Seagull Adhesives   **Apr. 2021 – Aug. 2021**
Software Engineer – Intern   *New Delhi, India*
- Upgraded dev kit and design system for company website amounting to a 60% increase in user traction.
- Migrated the codebase to NextJS and TailwindCSS, reducing build times by 82.85% (from 7 minutes to 1.2 minutes)

Projects

Followed By for GitHub | *JavaScript, Chrome Extension*   ○ </>
- Built a content script based browser extension, which displays your mutual followers on a GitHub profile page
- Ranked in Top 10 on Product Hunt and gained 15+ stars on GitHub within 24 hours of launch
- Developed with VanillaJS, utilizing the native web API for caching requests on client machine – no logs!
- Works without server OAuth, based on the free GitHub follower API, avoiding all rate limiting

Kiba: Remote Code Execution Engine | *React, Redux, Docker, NodeJS*   ○ </>
- Created a secure and fast code engine + frontend interface for running code snippets in Java, C++ and Python
- Implemented a web IDE with multiple themes, syntax highlighting, auto-complete, and modularity – allowing for specific running instructions. Eg: input args, time and memory limits
- Configured the engine to create new containers for each cron job, returning in a success, transitional and failure state

Elvis & Kamui - The Discord Bots | *Python, LavaLink, Digital Ocean, SQL*   ○ </>
- Licensed to famous rapper TheKidLaroi to use in his own discord sever with more than 400k members
- At peak, independently installed in over 30 servers with over 25k daily user interactions
- Created a Public Transport shortest path calculator, using Djikstra's Algorithm

Technical Skills

Languages: JavaScript, TypeScript, Python, Dart, C/C++, Java
Frameworks: NextJS, TailwindCSS, ReactJS, React Native Flutter, ExpressJS, Flask
Technologies Docker, React Query, Redux, Jest, JUnit, Styled Components