Suraj Singh Negi

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SUMMARY

Full-stack engineer and product leader with 5+ years of experience across SaaS, marketplaces, and IoT. Currently building Banyan OS, an open-source platform for school systems and internal communication. Former Head of Product at Juiced, with a strong track record in frontend architecture, system design, and team leadership. Committed to creating fast, accessible, and ethical software that empowers users and serves the public good.

EXPERIENCE

Teach Lead

Smnway   January 2025 - April 2025，Haliliye, Şanliurfa

- Developed a **high-performance, cross-platform mobile application** using **React Native**, delivering a **seamless user experience across iOS and Android**.
- **Optimized calendar rendering** and implemented **custom native components**, significantly enhancing **app performance and responsiveness**.
- Designed and implemented a **modern, user-friendly UI** incorporating **accessibility best practices**, leading to improved **user engagement and retention**.
- Conducted **backend code reviews** with a focus on **performance and security**; managed **DevOps processes** to streamline **deployments and CI/CD workflows**.

Co-Founder & Product Head

Juiced   August 2020 - September 2024，Lewes, Delaware, USA

- Designed and implemented a **scalable design system**, improving UI consistency and reducing development time.
- **Built and maintained cross-platform applications** (web, mobile, desktop) using **TypeScript, JavaScript, and React**, achieving **40% faster feature rollout** by reusing code and optimizing development workflows.
- **Converted the web app into a Progressive Web App (PWA)**, improving **load times by 50%**, increasing mobile engagement, and reducing desktop app bundle size by **40%** for faster downloads.
- **Established structured release channels** (staging, alpha, beta, production) for web and desktop apps, improving **deployment efficiency by 70%** and ensuring **seamless rollbacks**.
- **Optimized development experience** with **Vite**, achieving **2x faster build times**, **50% lower hot reload latency**, and maintaining a **90+ Lighthouse performance score**.
- **Developed custom APIs in Golang** for **Stripe, Google Analytics, and Clerk**, enabling **real-time marketing insights** and improving **data-driven decision-making**.

Co-Founder & Project Lead

Devss.io   August 2019 - July 2020，Dehradun, India

- **Developed high-performance sneaker bot scripts** for **Shark Frenzy**, achieving an **80% checkout success rate** by bypassing website bot protection. Sold **white-labeled versions** to multiple clients in **USA, Canada, and France** and integrated solutions into major bot providers like **Shikhari Bot** and **Supreme Bot**.
- **Converted existing web apps into desktop applications** using **Electron, React, and TypeScript**, improving **cross-platform accessibility** and reducing **web dependency by 60%** for multiple clients.
- **Engineered the backend for Knowin**, a mobile gaming platform enabling **real-time gameplay** using **WebSockets, Node.js, and MongoDB**, supporting **thousands of concurrent users** for seamless deposit and play functionality.
- **Developed a wedding planner mobile app** using **React Native**, implementing a **full-stack solution** that improved event organization efficiency and enhanced user experience for **hundreds of engaged couples**.
- **Built Social Prospector Pro**, a **Facebook-based lead generation tool** for marketers, increasing **lead acquisition rates by 35%** and automating prospecting for a **USA-based company**.

Software Engineer

AcroKnacks   September 2018 - August 2019，Dehradun, India

- **Led a team in developing production-ready applications**, integrating **IoT and machine learning** into real-world projects, improving **solution scalability** and optimising **project delivery timelines**.
- **Designed and implemented core components** for **I-Resonate**, an **AI-powered writing assistant**, laying the foundation for the company's flagship product.
- **Developed Duvall Espresso**, a **custom coffee kiosk application** using **Electron.js and SQLite**, enabling **real-time order customisation** and supporting **hundreds of daily transactions** on **Toradex SoCs**.
- **Built an automated paper-checking system POC** using **computer vision and ML libraries**, achieving **90% accuracy in scanned mark-sheet evaluations**, streamlining **manual verification efforts**.
- **Created a 3D viewer plugin for websites** using **Three.js**, allowing **interactive manipulation of 3D objects**, enhancing **user engagement** for digital product showcases.

EDUCATION

Masters in Computer Application

Amity Online University • Noida, IN • 2021 • 8/10

Bachlors in Computer Application

Graphic Era Hill University • Dehradun, IN • 2018 • 7.50/10

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, SQL, Bash, Python, GoLang, Lua

Tools & Frameworks: React Native, React.js, Next.js, Node.js, Express, Expo, Git, Docker, Figma, PostgreSQL，MongoDB, REST APIs, CI/CD

Soft Skills: Technical Leadership, Requirement Analysis, Team Collaboration, Code Reviews, Project Planning, Communication