Abinash Sinha

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Summary

Results-driven **Full-Stack Developer** with **3+ years** of experience specializing in the **MERN stack** and **Vue.js** to build robust, **scalable web applications**. Proven expertise in enhancing performance by **40%**, reducing development cycles by **30%** through **reusable code**, and integrating critical **third-party APIs (Stripe, PayPal, MetaMask)**. Adept at leading **CI/CD initiatives** with **Docker & Jenkins on AWS** infrastructure. Seeking to deliver impactful solutions in a challenging product-based environment.

Education

Chandigarh University	**Apr 2020 – May 2022**
Master Of Computer Application	Chandigarh, Punjab
TMBU University	**Mar 2016 – Jul 2019**
Bachelor of Science (B.Sc.)	Bihar, Bhagalpur

Experience

Aayan Infotech [in]   **Aug 2024 – Present**
Full Stack Developer

- Architected and delivered **3+ full-scale applications** from concept to deployment using the **MERN stack**, employing **custom hooks** and a **component library** to achieve **80%+ code reusability** and **30% faster development** cycles.
- Engineered **blockchain integration** using **MetaMask** for secure wallet transactions and implemented **real-time notifications** via Webhooks, **automating 40% of manual processes**.
- Spearheaded **code quality initiatives** by introducing **unit and integration testing**, resulting in a **25% reduction in post-production bugs**.
- Orchestrated **AWS deployments** utilizing **EC2, S3, and Route 53**, configured **Nginx** as a reverse proxy, and established a secure **CI/CD pipeline** using **Jenkins** and **Docker** containers for consistent and reliable releases.

Business Thrust Tech Soft [in]   **Aug 2023 – May 2024**
Software Engineer

- Developed a **modular Vue.js component library** for a **CRM and stock management system**, enhancing UI consistency and slashing frontend bug reports by 35%.
- **Refactored legacy JavaScript code** to Vue 3's **Composition API**, improving application performance by **40%** and enhancing developer experience with better code structure.
- Collaborated with product and design teams in an **Agile environment** to prioritize features, leading to a **15% increase in client satisfaction** by delivering critical updates 2 **weeks ahead of schedule**.

Vision Vivante [in]   **Jul 2022 – Jul 2023**
Associate Software Engineer

- Contributed to 4+ projects using **React, Angular, and Next.js**, implementing features like **server-side rendering (SSR)** and **Stripe payment processing** to decrease page load time by **20%** and accelerate feature rollout by **30%**.
- **Optimized MongoDB** queries and implemented **caching strategies**, reducing API response times by an average of 300ms and improving overall user experience.
- Authored **comprehensive technical documentation** for new components and APIs, streamlining the onboarding process for new team members.

SNOOTME / Node.js (Express), Next.js, Bootstrap, Stripe

- Built a **subscription-based photo review platform** enabling photographers to get **expert portfolio feedback via virtual meetings**, increasing engagement by **40%**.
- Implemented **structured expert-artist interactions**, cutting **operational costs by 50%** by eliminating travel and print expenses.

Discount & Doors / Node.js (Express), React, Bootstrap, Material UI, Stripe, PayPal

- Developed a **scalable backend** with **Node.js & MongoDB**, integrating **Stripe & PayPal Checkout** for secure, flexible payments.
- Improved scalability by designing a **reusable component architecture**, boosting efficiency in managing **dynamic categories and dimensions by 45%**.

Hairstylist Booking Service Platform / React.js, Node.js, AWS, MongoDB

- Built a **full-stack booking system** featuring **role-based access control (Admin/Stylist/User)**, **JWT authentication**, and **OTP verification via AWS SNS**, eliminating **50% of booking conflicts** through real-time calendar validation.
- Implemented a **Redux-powered state management** layer for complex data like user sessions, bookings, and services, ensuring a **seamless and responsive user experience** across devices.
- Enabled **admin-level service, package, and product control**, with **stylist-side booking status updates**, **portfolio management**, and **revenue tracking**, streamlining operations and increasing transparency by **40%**.

LEAD CRM / Vue.js, VueX, Mixins Vuetify

- Developed a **data-intensive CRM dashboard** with **Vuetify** data tables, charts, and advanced filters, allowing sales teams to track leads and performance metrics effectively.
- Achieved **~70% code reuse** by abstracting **API calls, form validations, and data formatting logic** into **Vue mixins and Vuex modules**, drastically reducing redundancy.

Technical Skills

Languages: JavaScript, TypeScript

Frontend: React.js, Next.js, Vue.js, Redux, VueX, Material UI, Vuetify, Bootstrap, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs, Stripe, PayPal

Databases: MongoDB, PostgreSQL, MySQL, Firebase

Tools & Cloud: GitHub, Postman, Docker, Jenkins, Nginx, AWS (EC2, S3, Route 53)