

VIVEK KUMAR

Full Stack Developer

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PROFILE SUMMARY

Full Stack Developer with production experience building scalable browser extensions and web applications. Proficient in the MERN stack, React 19, and modern tooling like Hono and TypeScript. Proven track record of taking ownership in early-stage startup environments and optimizing backend performance.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Headstart ([useheadstart.app](#)) Nov 2025 - Present

- **Dashboard Architecture:** Engineered a high-performance, customizable dashboard using **Gridstack.js**, enabling seamless drag-and-drop and widget resizing for a personalized user workspace.
- **High-Performance Backend:** Developed lightweight, low-latency RESTful APIs using **Hono**, optimizing response times and reducing server overhead compared to traditional Express.js architectures.
- **Widget Ecosystem:** Integrated **Google Calendar API** and **GitHub REST API** to build interactive widgets, allowing users to join meetings and track Pull Requests directly from the new tab page.
- **DevOps & Security:** Modernized the development workflow by implementing **pnpm** for efficient dependency management and **Infisical** for encrypted secret management across the team.

SDE Intern | Bluestock Fintech ([bluestock.in](#)) Sep 2025 - Oct 2025

- **Project:** Developed the "**Company Registration & Verification Module**," a secure onboarding platform for corporate clients.
- **Frontend Architecture:** Built a complex multi-step registration wizard using **React 19**, **React Hook Form**, and **Redux Toolkit**.
- **Performance & Security:** Optimized API data fetching using **TanStack Query** and implemented **JWT Authentication** (90-day validity) with Firebase OTP.

KEY PROJECTS

EasyFitTrack - Gym & Fitness Management Platform | MERN Stack [Github](#) [Live](#)

- Architected a full-featured fitness tracking platform implementing **Role-Based Access Control (RBAC)** for Admin and User roles.
- Designed a comprehensive SaaS platform for gym owners to manage members, trainers, and finances in real-time.
- Implemented secure user authentication using **JWT (JSON Web Tokens)** and bcrypt for password hashing.
- Built a Real-Time chat Applications restrictions-based and also a Trainers Job portal for applying for new Job and to manage their client in ease

Employee Management Dashboard | MERN Stack [Github](#) [Live](#)

- Built a scalable HR dashboard supporting advanced filtering (Department, Salary, Joining Date) and multi-field search (Name, Email, UID) for efficient workforce management.
- **Performance Optimization:** Implemented **Debouncing** on search inputs to minimize API calls and **Infinite Scroll** to efficiently render large datasets without performance lag.
- **Form Handling:** Utilized **React Hook Form** for highly performant, unmanaged form validation and state management during complex CRUD operations (Add/Update Employee).

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Java, C++
- **Frontend:** React.js (v19), Redux Toolkit, Tailwind CSS, Gridstack.js
- **Backend:** Node.js, Express.js, Hono, REST APIs, JWT, Chrome Extension API
- **Tools:** Git, GitHub, Postman, AWS, Firebase, Infisical, pnpm

EDUCATION & CERTIFICATIONS

- **B.E. Computer Science & Engineering** - Chitkara University, Himachal Pradesh
- MERN Stack Development, Java Programming - Apna college.
- Full Stack Web Development, Programming in C, C++ with Udemy.
- Introduction in Linux. DBMS, MySQL, Computer Networks, OOSE with Infosys Springboard.