# HIMANSHU RATNAKAR

## Full-Stack MERN Developer

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## Professional Summary

Full-Stack **MERN Developer with 5+ years of experience** building secure, scalable, and high-performance web applications in **fintech and enterprise domains**. Specialized in RESTful API development, authentication systems (JWT, role-based access), and database optimization. Delivered production-grade CRM, MSME, and loan lifecycle platforms in regulated banking environments. Strong focus on clean architecture, performance tuning, and scalable system design. Available for **immediate joining** (Remote / Onsite).

## Technical Skills

- **Frontend:** React.js, Redux Toolkit, React Router v6, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Ant Design
- **Backend:** Node.js, Express.js, RESTful API Design, MVC Architecture, Middleware Development, Authentication (JWT, Bcrypt), Role-Based Access Control
- **Databases:** MongoDB, Mongoose ODM, MySQL, SQL Queries, Stored Procedures, Indexing, Query Optimization
- **JavaScript:** ES6+, Async/Await, Promises, Axios, Fetch API
- **DevOps & Tools:** Git, GitHub, Postman, Chrome DevTools, Vercel, Render, AWS (EC2, S3 – Basics)
- **Engineering Practices:** Debugging, Performance Optimization, API Documentation, Agile/Scrum, Clean Code, Modular Architecture

## Professional Experience

**Full-Stack Developer**                                       *Oct 2024 – Jun 2025*
**Kanmotech Pvt. Ltd.** (Onsite – Suryoday Small Finance Bank)

- Developed and maintained **MSME and Home Loan processing platforms** within a regulated banking ecosystem.
- Designed reusable React components and scalable backend REST APIs supporting CRM workflows and loan lifecycle management.
- Optimized **MongoDB schemas and MySQL stored procedures**, improving query performance by up to 30%.
- Implemented secure authentication and role-based access control using JWT and Express middleware.
- Collaborated with IT, QA, and DevOps teams for API integration, testing, and production deployment.

  **Key Projects:**

  - **Suryoday MSME Credit Platform** – Improved loan data processing efficiency by 30% via optimized APIs and dashboards.
  - **Credit Approval Web Portal** – Built multi-level approval workflows with REST APIs and MongoDB.
  - **Lead Generation Platform** – Automated lead tracking and reporting analytics.

- **Home Loan Application System** – Delivered complete frontend and backend integration for on-boarding and verification.

*Technologies: React.js, Node.js, Express.js, MongoDB, Redux, Bootstrap, MySQL, JWT*

**Frontend / Full-Stack Developer** *Nov 2019 – Sep 2024*
**Rirabh Consulting Services LLP**

- Developed production-grade web applications using React.js with progressive backend involvement.
- Built responsive, component-driven UIs integrated with RESTful APIs.
- Collaborated with backend and database teams to implement authentication, reporting modules, and data-driven dashboards.
- Improved UI performance and code maintainability through modular architecture.

**Key Projects:**

- **CA Customer Relationship Management (CRM)**
  - Designed React-based CRM dashboard integrated with Node.js, Express, and MongoDB.
  - Implemented secure authentication and role-based access control.
- **Corporate Web Application**
  - Developed responsive corporate website using React.js and API-driven architecture.
  - Improved UX and SEO using React Slick, Swiper.js, SweetAlert2, and React Helmet.

*Technologies: React.js, Redux, Node.js, Express.js, MongoDB, MySQL, Bootstrap, Material UI*

## Personal Projects

**AI Portfolio Assistant (Chatbot Integration)**

- Developed an AI-powered assistant integrated into personal portfolio to answer questions about skills, experience, and projects.
- Implemented context-aware responses using structured profile data and prompt engineering.
- Designed modern, responsive chat UI with optimized rendering and smooth UX.
- Focused on performance, modular component design, and scalable AI interaction architecture.
- Built a full-stack raiyna e-commerce platform using the MERN stack with secure authentication and role-based access.

## Education

**Bachelor of Technology (B.Tech)** – Electronics and Communication Engineering
**SRMSCET, Bareilly**