

# PAVAN KUMAR RAMANAND PRASAD

## Full Stack Web Developer

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### SUMMARY

Passionate and skilled Full Stack Developer with over 2.3 years of experience in JavaScript, React, Node.js, MongoDB, and Express. Possesses a strong foundation in building dynamic web applications, backed by a 7-month internship and current role as a MERN Stack Developer. Eager to contribute to innovative projects and excel in collaborative, fast-paced environments.

### PROFESSIONAL EXPERIENCE

#### Full Stack Developer

##### CHANGE Networks

📅 2024 - Present    📍 Ghansoli, Mumbai

**CHANGE Networks** ([www.change-networks.com](http://www.change-networks.com)) is a global technology company specializing in software development, and the sales and distribution of networking equipment such as switches, routers, and infrastructure solutions.

- **Developed a global email campaign system** through a dynamic **dashboard** in **Next.js** and **Node.js**, supporting **multiple time zones** for worldwide scheduling.
- **Optimized API performance by 40%**, significantly enhancing data processing speed and scalability.
- **Deployed** the application using **NGINX** with a robust **CI/CD pipeline** for **mechanized testing** and **seamless deployment**.
- **Collaborated with stakeholders** to gather and define requirements for the dashboard, emphasizing **user roles**, **data integration**, and **key features** to boost **developer engagement** and **user experience**.
- **Designed and implemented RESTful APIs** to enable efficient communication between the **frontend and backend**, ensuring smooth **data retrieval and management**.
- **Configured role-based access control (RBAC)** to manage permissions across different user levels (Admin, Super Admin), enhancing security and usability.
- **Conducted code reviews and collaborated via Git/GitHub**, improving team productivity and maintaining codebase consistency.
- **Effectively leveraged MongoDB and PostgreSQL** to manage unstructured campaign data and structured relational user information, ensuring optimal data organization and retrieval.

#### Full Stack Developer

##### Nextgen Techno Ventures Private Limited

📅 12/2023 - 05/2024    📍 Mumbai, India

Nextgen Techno Ventures Pvt Ltd is a cutting-edge technology company specializing in innovative solutions and services for businesses worldwide.

- **Mitra Fintech Project**
- Engineered and maintained **Admin and Super Admin dashboards**, implementing key management and control functionalities.
- Enabled **Excel file uploads via APIs**, allowing direct data insertion into the database with validation.
- **Incorporated complex Graph APIs** to deliver dynamic, **real-time data** through interactive visualizations, enhancing user engagement and data accessibility.
- **Buhrata Project**
- Created and integrated complex graph APIs to fetch and display dynamic data.
- Built multiple **dashboard pages** featuring **advanced filters** and **real-time graph visualizations**.
- Utilized **React.js for frontend** and **Node.js for backend**, handling **complex database operations** seamlessly.

### MERN Intern

##### Placementium

📅 06/2023 - 11/2023    📍 Ahmedabad, India

Startup Company

- **Constructed a scalable architecture using Next.js**, leveraging **Server-Side Rendering (SSR)** and **Static Site Generation (SSG)** to ensure **optimal performance**, improved **SEO**, and fast page loads.
- Built a **responsive, user-friendly interface** with **Next.js**, ensuring seamless functionality across both **desktop and mobile devices**.  
**Integrated Ant Design UI components** to enhance **visual appeal**, **accessibility**, and **usability**, including **forms**, **tables**, **modals**, and **notifications**.

### KEY ACHIEVEMENTS

- ✓ **Optimized Delivery Time**  
Reduced project delivery time by 40% using efficient RESTful API design.
- ✓ **Boosted Code Quality**  
Devised computerized testing pipelines, decreasing bugs by 40% in production.
- ✓ **Enhanced User Engagement**  
Increased user engagement by 25% through responsive UI using Next.js.

### TECHNICAL SKILLS

React JS	Node JS	React Redux
React Query	Express JS	MongoDB
Tailwind CSS	MUI	GIT
Socket IO		
react-hook-form	REDIS	mongoose
web design	REST API	Graph QL
Postgress	MySQL	Docker
Cloudflare Bucket	Data Structure & Algorithms	

### PROJECTS

#### Online Test Platform | April 2025 – Present

Built an advanced online test platform using the **MERN stack**, featuring **AI-powered student monitoring**, **intuitive dashboards**, and **systematized result analysis** to enhance digital assessments for **schools, teachers**.

#### Fiveer Clone

- Designed gig purchasing and listing features to facilitate seamless **client-seller transactions**. Customized **real-time chat** functionality for efficient communication, blended **Stripe** for secure payment processing, and utilized **Cloudinary** for fast and secure image uploads. Leveraged **MongoDB Atlas** for scalable database management and merged the WhatsApp API to enable real-time customer notifications.

#### Ecommerce Frontend

Applied various pages using **React.js**, **Bootstrap**, **HTML**, and **CSS**, including **Compare Page**, **Admin Page**, **Order Page**, **Home Page**, **Add Item Page**, **Address Page**, **Payment Page**, and **Product Page**. Utilized **React.js components** to create dynamic, reusable UI elements for improved user experience.

#### Work Cycle Application

Programmed a **MERN stack** platform to help **students manage part-time roles** and track earnings alongside their studies.

### EDUCATION

#### Bachelor of Computer Science

##### Guru Nanak Khalsa College

📅 04/2020 - 04/2023    📍 Matunga, Mumbai