

# VENKATA NAVEEN CHALLA

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## SUMMARY

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A **passionate and results-driven Full Stack Developer** with over **3 years of experience** in **designing, developing, and deploying dynamic web applications**. Proficient in modern technologies including **JavaScript, React.js, Node.js, and MongoDB**. Demonstrates strong **problem-solving skills** and thrives in **collaborative, fast-paced environments**. Proven ability to build **scalable, maintainable, and user-friendly** web solutions.

## PROFESSIONAL EXPERIENCE

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### Full Stack Developer

#### JCS HUB

(Sep2022 –Nov 2025)

- Built responsive and interactive UI components using **React.js** and **Tailwind CSS**, ensuring cross-browser compatibility and mobile-first design principles.
- Collaborated closely with designers and backend developers to implement new features and enhance UI/UX.
- Managed **MongoDB** database operations including schema design, CRUD functionality, and data optimization.
- Implemented authentication and authorization using **JWT** and **middleware logic** for secure access control.
- Optimized application performance by implementing **code splitting, lazy loading, and caching strategies**.
- Participated in **code reviews**, Agile ceremonies, and version control workflows using **Git and GitHub**.
- Deployed applications to **cloud environments**, supported production issues, and ensured uptime and scalability.
- Worked with senior developers to implement **new features** and **fix bugs** in existing applications.
- Supported the **deployment** of web applications to production environments.

## PROJECTS

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### JCS Pay – Payment Gateway Platform

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, REST API, Tailwind CSS

- Developed a **secure** and **scalable payment gateway** solution inspired by **Razorpay** and **PayPal**.
- Designed **user-friendly dashboards** for **merchants** to manage **transactions**, view **analytics**, and issue **refunds**.
- Ensured **backend security** by implementing **JWT-based authentication**, **input validation**, and **secure payment processing**.
- Managed **database operations** with **MongoDB** to store **user transactions** and **account information**.

### **JCS Bot – Generative AI Chatbot Interface**

**Tech Stack:** React.js, CSS, REST API, Framer Motion

- Built a responsive frontend chatbot interface inspired by ChatGPT using **React.js** and **Tailwind CSS**.
- Integrated with **OpenAI's GPT model** to enable real-time conversational capabilities.
- Focused on UI/UX by designing a minimal, interactive chat interface with typing effects and conversation history.
- Implemented error handling, session persistence, and animated bot-user interactions.

### **Sunotal Farms – E-Commerce Website**

**Tech Stack:** MERN Stack (MongoDB, Express.js, React.js, Node.js), CSS, REST API

- Developed a comprehensive e-commerce platform with product listing, cart, checkout, and user authentication features.
- Implemented **Redux** for global state management and smooth handling of product, cart, and user data.
- Built REST APIs using **Express.js** for order processing, user registration, and payment flow.
- Designed responsive UI components with React.js and **Tailwind CSS**, optimized for desktop and mobile users.
- Used **MongoDB** for managing product inventories, order history, and customer data securely

## **TECHNICAL SKILLS**

**Programming Languages:** Java, JavaScript, C++, Html, CSS

**Frameworks:** Node.js, Express, ReactJS, MongoDB, CSS

**DevOps Tools:** Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Ansible

**Cloud Services:** Amazon Web Services (AWS) – EC2, S3, Lambda, RDS, IAM, CloudWatch, Route 53  
**Development Tools:** VS Code, Postman.