

V S Ravi Sashank Dhulipala

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PROFESSIONAL SUMMARY

Full Stack Developer and Software Engineer with 3+ years of experience building responsive web applications, REST API integrations, AI-powered features, and database-driven software using React.js, JavaScript, Node.js, Express.js, SQL, PostgreSQL, and AWS. Skilled in developing reusable UI components, backend services, authentication workflows, and performance-focused features in Agile environments. Strong foundation in front-end engineering, API development, database workflows, Git-based collaboration, debugging, and scalable web application design.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL, TypeScript

Front-End: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design

Back-End: Node.js, Express.js, Next.js API Routes, REST APIs, Authentication, API Integrations

Databases: PostgreSQL, Prisma ORM, SQL, Database Design, Query Optimization

Cloud / DevOps: AWS S3, AWS EC2, AWS IAM, AWS RDS, AWS Lambda, Vercel, Git, GitHub, CI/CD Concepts

Testing: Jest, React Testing Library, API Testing, Debugging, Browser DevTools, Production Issue Resolution

AI Integration: OpenAI API, LLM API Integration, Prompt Engineering, AI-Powered Features, ATS Keyword Matching

Tools: VS Code, Postman, Google Sheets API, Prisma Studio

Concepts: Full Stack Development, Component Architecture, Agile, Code Reviews, Documentation, Application Security

PROFESSIONAL EXPERIENCE

Full Stack Developer, Thaddeus Resource Center, CA, USA

May 2025 - Present

- Developed and maintained responsive web application features using React.js, JavaScript, SQL, and REST APIs, improving application responsiveness by 25% across user-facing workflows.
- Built full-stack features across 5+ operational workflows by integrating reusable React components, backend API logic, and database-driven data flows to improve usability and delivery speed.
- Implemented secure auth workflows and fixed production issues, reducing defects by 30% and improving reliability.
- Maintained Git-based development workflows, technical documentation, and code review support to improve troubleshooting, release readiness, and long-term maintainability.

Full stack Developer, Quantana Pvt Ltd

May 2022 - Jul 2023

- Built responsive React.js interfaces with JavaScript, HTML5, CSS3, and REST APIs, increasing user engagement by 20%.
- Created reusable React components and APIs, reducing build time by 35% and improving performance by 30%.
- Debugged front-end and API integration issues, improving release quality and reducing recurring defects.
- Used Git, GitHub, and Agile workflows to support code reviews, testing, deployment coordination, and maintainable feature releases.

Full-Stack Engineer, Sri Sowdha Ventures

Apr 2021 - Apr 2022

- Developed 4 responsive web apps using HTML, CSS, JavaScript, and APIs, improving mobile usability by 35%.
- Integrated front-end interfaces with backend services, reducing data retrieval latency by 20%.
- Automated data workflows using Python and Google Sheets API, saving 10 hours/week and reducing errors by 90%.

PROJECTS

ApplyWise AI – Full-Stack AI Job Application & ATS Analyzer

- Built full-stack AI job tracker with Next.js, TypeScript, Prisma, and PostgreSQL across 6+ user workflow modules.
- Implemented resume upload, PDF parsing, local/S3 fallback, and user-scoped storage to support 3+ resume workflows.
- Developed ATS analyzer with OpenAI API and local fallback matching to score resumes and detect 15+ skill gaps.
- Designed Prisma/PostgreSQL models for users, resumes, jobs, analyses, keywords, and logs across 6+ core entities.
- Built analytics dashboard for status, response rate, ATS scores, and top matches, improving job-search visibility.
- Added Jest/RTL coverage for API logic, hooks, utilities, and UI components, passing 100 tests across 11 suites.

Chat Desk – Full-Stack AI Chatbot Platform

- Built a full-stack AI chatbot platform using React.js, Node.js, REST APIs, PostgreSQL, and auth workflows to support real-time conversations and saved chat history.
- Developed backend services for authentication, message handling, API orchestration, and reporting workflows, improving maintainability across multiple modules.
- Created REST APIs for frontend-backend communication, achieving sub-200ms average response times during application testing.
- Designed PostgreSQL schemas and optimized SQL queries to improve message retrieval, data integrity, and reporting workflows.

Inventory Management Dashboard

- Built a React inventory dashboard with real-time stock updates, reducing tracking discrepancies by 15%.
- Developed run-out forecasting and low-stock alerts using regression.js, reducing manual tracking time by 60%.
- Added CSV/PDF exports for inventory reports, improving reporting speed and operational visibility.
- Refactored UI logic into reusable React hooks and components, improving maintainability and workflow efficiency by 20%.

Patient Medical Report Generator

- Built a responsive React.js app to capture patient intake data and generate printable medical data, cutting report creation time by 70%.
- Developed reusable form components and PDF layout handling to produce clean, structured healthcare-style documentation.

EDUCATION

University of South Florida, Tampa, Florida

Aug 2023 - May 2025

Master of Science in Computer Science (MS-CS)

Gandhi Institute of Technology and Management (GITAM)

June 2019 - May 2023

Bachelor of Technology in Computer Science Engineering (BTECH-CS)