SMIT VIJAY DESAI

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EDUCATION

Master of Information Science   Sep 2024 - May 2026
New Jersey Institute of Technology.

Bachelor of Technology in Computer Engineering   Sep 2021 - Jun 2024
P P Savani University

SKILLS

Programming Languages	Python (3), JavaScript ES6+, PHP
Front-End Technologies	Bootstrap (5), AJAX, jQuery, Tailwind CSS
Back-End Technologies	Django (4), Django REST Framework, Node.js, Express.js, REST APIs
Databases	**SQL**: MySQL, PostgreSQL, **No-SQL**: MongoDB
Other	Redis, Git, Linux/Ubuntu, Web Security, E-commerce Platforms, Shopify

EXPERIENCE

Dev Jewels – Full-Stack Developer & Jewelry ERP Specialist   Apr 2025 – Present
Python, Django, MySQL, JavaScript, Bootstrap, Redis, HTML/CSS, AJAX   *New York, NY*

- Engineered a comprehensive **jewelry B2B ERP platform** serving **1500+ product designs** with real-time inventory management, automated order processing, and integrated vendor management systems.
- Developed **Django REST APIs** and **AJAX-powered admin interfaces** for seamless jewelry business operations, enabling bulk product management, dynamic pricing updates, and instant inventory status changes.
- Implemented advanced **filtering and search systems** optimized for jewelry catalogs, with auto-filtering capabilities and responsive design supporting mobile and desktop interfaces for jewelry retailers.
- Built robust **user authentication** and **session management** systems with role-based access control, password reset functionality, and comprehensive audit logging for jewelry industry security compliance.
- Created **modular e-commerce applications** (accounts, inventory, orders, admin) with clean separation of concerns, custom middleware, and automated email notifications for enhanced jewelry business workflows.
- Automated manual inventory processes, reducing jewelry management time by **20+ hours/week** through integrated cart, wishlist, and order processing systems tailored for jewelry retailers.

Skyway Business Solutions – Software Developer Intern   Nov 2023 – Jul 2024
React.js, Node.js, Express.js, MongoDB, Google OAuth 2.0, Bootstrap, HTML/CSS   *Surat, IN*

- Developed **psychiatric consulting platform** using **Google OAuth 2.0** authentication and role-based access control for secure dashboards, establishing reliable access management for healthcare professionals.
- Improved usability through engineering **responsive admin interfaces** with intuitive navigation and user-friendly design for efficient patient resource management, improving healthcare provider workflow.
- Boosted performance through **React.js** frontend redesign and optimized API integration enhancing backend data retrieval, achieving **50% increased engagement** and **35% faster response times**.
- Streamlined integration collaborating with cross-functional teams on **real-time data synchronization** and automated notifications, delivering seamless frontend-backend integration and superior user experience.
- Established data management implementing **MongoDB** optimization and efficient query structures for secure patient information handling, improving data retrieval performance and system reliability.

PROJECTS

Raspberry Pi Remote Server - Ubuntu Server OS, Python, Shell Scripting, Security Protocols
- Led the creation of an innovative Raspberry Pi remote server that runs dynamic websites using Ubuntu Server OS, implementing strict security measures to protect against cyberattacks and guarantee user privacy and data integrity.
- Coordinated automation scripts to maximize operational efficiency by simplifying repetitive tasks, with future plans to incorporate sophisticated AI features for voice-activated capabilities and natural language interactions.

S.E.R.A AI Personal Assistant - Python, Speech Recognition, OpenAI API, Weather APIs, News APIs
- Created a highly developed AI personal assistant with real-time news and weather forecasting capabilities, as well as speech recognition and synthesis skills for comprehensive problem-solving support.
- Designed the AI with a lively personality and sense of humor to encourage meaningful interactions, while incorporating code snippet generation and automated file management operations to boost productivity.