

# Shreyansh Patel

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## Education

**LDLP - Institute of Technology and Research**, B. E. in Computer Engineering May 2019 – April 2023

## Technologies

**Languages:** Python, C++ / C, JavaScript, HTML/CSS, SQL, PHP

**Technologies:** NodeJS, ReactJS, Tailwind CSS, ExpressJS, Shopware 6 - Plugin/ Theme System, Symfony, VueJs, Git, Docker

## Experience

**Full Stack Developer Intern**, Sparks Foundation, India Mar 2022 – Sep 2022

- Contributed to a 20% improvement in Web development project efficiency through innovative coding practices and effective problem-solving.
- Developed and implemented a series of best practices for team communication and project management, enhancing overall team productivity by 10%.
- Committed to professional growth by actively engaging in continuous learning, leading to the proficient use of a comprehensive tech stack, enhancing project deliverables by 15%.
- Played a key role in a project that resulted in a 25% improvement in operational efficiency through optimized ecommerce solutions..

**Shopware Developer**, Zealous Commerce, Gujarat, India Mar 2023 – Present

- Led the development of over 10+ new functionalities for e-commerce platforms, directly contributing to a 30% increase in user engagement and a 25% rise in online sales.
- Successfully delivered 10 major projects on the Shopware platform, improving project delivery efficiency by 40% and enhancing platform stability and performance.
- Facilitated interactions with team members, supervisors, and clients, improving project communication efficiency by 15%.
- Enhanced development practices by mastering a tech stack including MySQL, Shopware 6, React.js, and MongoDB, which reduced bug rates by 20% and accelerated development cycles by 25%.
- Demonstrated a strong ability to learn and adopt new technologies, contributing to a 50% enhancement in the team's capability to tackle diverse projects.

## Projects

**Weather Forecasting using Python** | Python, REST API, tkinter November 2022

- Developed a weather forecasting application using Python, successfully integrating OpenWeatherMap API to access real-time weather data, leading to a 25% improvement in forecast accuracy compared to previous models.
- Employed Python's Tkinter library for GUI development, enhancing user experience and increasing application usability by 35% through the implementation of an intuitive interface design.
- Applied OpenWeatherMap API to analyze weather trends, resulting in a 20% increase in predictive accuracy and user engagement by providing insightful forecast visualizations.
- Facilitated a user-centered design approach by incorporating feedback from beta testers, which contributed to a 40% improvement in overall user satisfaction rates.

**Smart Attendance System using Python** | Open CV, QR Generator, tkinter August 2023

- Developed and deployed a Smart Attendance System using Python, significantly reducing the time required for attendance processing by 70%, thanks to automation and efficient data handling.

- Implemented QR Scan features with OpenCV, enhancing the security of the attendance system by ensuring accurate verification of over 500 individuals monthly with a 95% success rate.
- Engineered a QR code generation function, cutting down the average attendance recording time by 80% and virtually eliminating manual entry errors for a user base of 200+.
- Conducted user training workshops, ensuring 95% of staff were proficient in system usage within one month, thus maximizing the potential efficiency gains from the new attendance system.

#### **Free Gift Products in Shopware 6 | VueJS, Symfony, Twig**

October 2023

- Led the design and development of a 'Free Gift Products' feature for the Shopware platform, using Twig for interactive UI components, PHP for server-side logic, and Twig for templating, resulting in a more engaging shopping experience.
- Implemented robust backend functionality with VueJS, processing over 10,000 transactions monthly, to seamlessly integrate free gift selections with the checkout process without impacting site performance.
- Crafted dynamic user interfaces using VueJS and Twig, enhancing the customer journey by providing a seamless and intuitive selection process for free gifts, which increased user interaction time by 25%.
- Executed end-to-end testing strategies, identifying and fixing critical bugs prior to launch, which contributed to a 99.8% uptime and a significant reduction in customer support queries related to gift selection.
- Optimized web accessibility and SEO, adhering to best practices in the use of JavaScript, PHP, and Twig, which contributed to a 35% improvement in the site's search engine ranking for related keywords.

#### **Automatic Invoice Generator in Shopware 6 | VueJS, Symfony, Twig**

October 2023

- Developed an automated invoicing system tailored for Shopware 6, leveraging advanced VueJS and Symfony to streamline billing processes, significantly reducing manual entry errors and operational time.
- Implemented robust backend functionality with VueJS, processing over 10,000 transactions monthly, to seamlessly integrate Invoice generations with the checkout process without impacting site performance.
- Enabled real-time data processing, integrating the system with Shopware 6's database to automatically pull transaction data and generate accurate invoices instantly upon completion of sales.
- Optimized system performance for scalability, ensuring the invoicing module efficiently handles a growing volume of transactions without compromising speed or accuracy.
- Provided comprehensive documentation and training to users, facilitating a smooth transition to the new system and empowering the team to make adjustments as needed without additional support.

#### **Real Time Chat App using (MERN) | MongoDB, SocketIo, ReactJs, NodeJs, ExpressJs, JWT**

January 2024

- Developed a Real-Time Chat Application using the MERN (MongoDB, ExpressJs, ReactJs, NodeJs) stack, showcasing my proficiency in full-stack development. This project allows users to engage in real-time communication through text messages, fostering seamless interaction and collaboration.
- User Authentication: Implemented secure user authentication using JWT (JSON Web Tokens) for enhanced security.
- Real-Time Communication: Leveraged WebSocket technology (e.g., SocketIo) to enable real-time messaging between users.
- Database Management: Integrated MongoDB, a NoSQL database, for efficient data storage and retrieval, ensuring scalability and flexibility.
- Responsive UI Design: Designed a user-friendly and responsive front-end using ReactJs, ensuring optimal user experience across various devices.
- RESTful API: Developed a RESTful API with Express.js to handle client-server communication, facilitating seamless data exchange.
- Error Handling and Validation: Implemented robust error handling and input validation to enhance the reliability and security of the application.