

# Krishna Patel *Full Stack Developer*

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## Summary

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Full Stack Developer with expertise in React.js, Vue.js, and AngularJS, building responsive and intuitive web applications. Skilled in UI optimization, API integration, and state management (Redux, Context API). Experienced in Material-UI, Tailwind CSS, and React Bootstrap for clean, modern designs. Strong collaborator, working with designers and backend teams in Agile environments. Passionate about writing efficient, maintainable code and enhancing user experiences.

## Skills

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**Frontend Development:** React.js, Vue.js, AngularJS, Next.js, HTML, CSS, JavaScript

**Styling & UI Frameworks:** Tailwind CSS, React Bootstrap

**Backend Development:** Node.js, Express.js, Django, Flask

**Database Management:** MySQL, MongoDB, PostgreSQL, SQLite, Oracle

**Version Control & DevOps:** Git, GitHub, Docker, CI/CD Pipelines

**API Development & Integration:** RESTful APIs, JWT, OAuth

**Tools & Workflow:** Postman, Visual Studio Code, Jira, Trello, Slack

**Cloud Deployment & SEO:** Heroku, Netlify, SEO Optimization

## Professional Experience

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### Full-Stack Developer

May 2024 – Present

#### FedEx

- Built and maintained responsive web applications using React.js, focusing on clean, user-friendly interfaces and improving performance across all devices.
- Styled and optimized UI with Tailwind CSS and React Bootstrap, ensuring smooth, consistent designs and a seamless user experience.
- Upgraded legacy HTML, CSS, and JavaScript applications to modern React components, enhancing performance and accessibility while reducing load times by 15%.
- Integrated RESTful APIs seamlessly, handling authentication securely with JWT and OAuth to ensure smooth user experiences and data protection.
- Debugged and optimized frontend applications, fixing UI glitches, improving load times, and enhancing overall responsiveness, leading to a 20% increase in efficiency.
- Deployed applications on Heroku and Netlify, collaborating with DevOps teams to streamline CI/CD pipelines using Git and GitHub, ensuring faster and more reliable deployments.
- Worked in Agile teams, actively participating in sprint planning, stand-ups, and retrospectives, while staying organized and improving workflow efficiency with Jira and Slack.

### Full-stack developer intern

Feb 2024 – May 2024

#### American Dog Society

- Assisted in building a React.js web app to display dog-friendly scores for homes, improving user experience with an interactive and responsive UI.
- Integrated RESTful APIs to fetch real-time Dog Score data and helped troubleshoot API response issues for seamless data display.
- Contributed to interactive maps and search features, making it easier for users to find parks, vet clinics, and pet-friendly locations.
- Worked with React Context API / Redux for state management and collaborated with backend developers and UI/UX designers to refine the app's design and functionality.

### Full-Stack Developer

Jun 2019 – Nov 2022

#### Tera Innovators

- Built and optimized scalable web applications using React.js, Node.js, Express.js, MongoDB, and MySQL, designing RESTful APIs and improving system performance by 25%. Focused on writing clean, efficient code and integrating JWT and OAuth authentication for secure user access.

- Developed intuitive and responsive front-end interfaces using React.js and React Bootstrap ensuring a seamless user experience and increasing engagement by 30%. Leveraged Tailwind CSS and React Bootstrap to enhance design consistency and performance.
- Worked closely with UI/UX designers and product managers to translate ideas into functional applications, improving development efficiency by 15%. Used Jira, Trello, and Figma to keep projects organized and on track.
- Enhanced SEO and database management, optimizing site performance and structure to increase search rankings and traffic by 35%. Managed MongoDB, MySQL, and PostgreSQL databases to ensure data security, consistency, and accessibility.
- Led Agile development practices, participating in sprint planning, daily stand-ups, and retrospectives, ensuring smooth collaboration and timely project delivery. Adapted quickly to changes, keeping development aligned with business needs.
- Maintained version control and streamlined deployments, using Git, GitHub, and Docker to manage code efficiently and ensure smooth CI/CD workflows. Regularly tested and debugged APIs with Postman to ensure seamless integrations.

## Projects

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### Pharmacy Management System | Vue.js, Node.js, MongoDB, Express.js, REST API

#### Personal Project

- Built a RESTful API with Express.js to seamlessly connect a Node.js backend with a Vue.js frontend, enabling efficient inventory, customer, and sales management. Deployed MongoDB on OnRender and the frontend on Netlify for scalability, added real-time updates with Node.js, and implemented secure role-based authentication to protect user data.

### Employee Management System | HTML, CSS, JavaScript, Python, SQLite, Django

#### Personal Project

- Built an employee management system that streamlined punch-in/out tracking, weekly summary reports, and fair tip distribution to improve workplace efficiency. Integrated scheduling and availability features using Bootstrap for a user-friendly experience, ensured secure data storage with SQLite, and added a WordPress blog section to keep employees informed with announcements and updates.

### Notes App | Next.js, Tailwind CSS, MongoDB, Express.js, React.js, Node.js

#### Personal Project

- Created a full-stack notes application using Next.js for server-side rendering (SSR) and React.js for a smooth, interactive user experience. Implemented CRUD functionality with MongoDB to securely store notes, built the backend with Express.js and Node.js to handle authentication, and designed a modern, responsive UI using Tailwind CSS.

### Emotion Analysis of Indian Language Literature | HTML, CSS, PHP, MySQL

#### Team Project

- Built a sentiment analysis system using MySQL, designing a structured database schema to efficiently store and retrieve text data. Implemented SQL queries to analyze and categorize emotions, providing meaningful insights from textual input.

## Education

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### Master of Science in Computer Science

Jan 2023 – Dec 2024

University Of New Haven

### Bachelor of Engineering in Computer Engineering

Aug 2017 – May 2021

Gujarat Technological University

## Certificates

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- PCEP-Certified Entry-level Python Programmer - Python Institute

## Honors & Awards

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### Dean's Scholarship | University of New Haven

- Received Dean's Scholarship for being an outstanding candidate for master's study in Computer Science

### Best Student Award | Indian Society for Technical Education, New Delhi

- Best Student Awards for outstanding contribution to technical activities