

# Jaytun Kankotiya

## Full-Stack Developer

University of Windsor, Ontario, Canada

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## OBJECTIVE

Detail-oriented and results-driven Full-Stack Developer with hands-on experience in building responsive web applications using React, Node.js, Express, and MongoDB. Adept at designing scalable front-end interfaces and developing secure, high-performance back-end systems. Passionate about delivering clean, maintainable code and leveraging modern technologies to create impactful digital solutions. Seeking an opportunity to contribute to a collaborative development team and enhance user experiences through innovative software solutions.

## Experience

### Software Engineer

Mar 2020 - Feb 2021

*ProjectTree Technology Private Limited*

*Gujarat, India*

- Developed and maintained detail-oriented software solutions with unit testing, ML(Machine Learning) and AI algorithms in 1 project.
- Conducted white box and black box testing using Python (including pandas, numpy and Selenium) and big data techniques on large data sets, resulting in a positive impact on sales and 40% boosting user engagement.
- Implemented serverless real-time CI/CD pipeline, enhancing speed by 3% through process automation with scraping and REST API integration of Stripe Payment Gateway
- Worked closely with 3 clients to gather requirements, provide technical expertise, and deliver solutions on time.

### Intern Software Developer

Sep 2019 - Feb 2020

*ProjectTree Technology Private Limited*

*Gujarat, India*

- Collaborated with a team of junior software developers to determine application requirements and ensure effective communication with clients on Scrum.
- Communicated with clients to digitize their needs into user-friendly software solutions, leading to the successful closure of 7 major contracts
- Proficiently troubleshooted and debugged applications with agile software development best practices to tackle all technological issues for different business processes, resulting in a 93% customer satisfaction rate.
- Participated in Agile scrum meetings, sprint planning, and retrospective sessions to improve team productivity by 70%.

## Skills

Frontend Development	HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Bootstrap, Material UI, Tailwind CSS, Chart.js, Figma
Backend Development	Node.js, Express.js, Python, Flask, FastAPI, Axios, RESTful APIs, Microservices Architecture, JWT Authentication
Database Systems	MongoDB, Mongoose, MySQL, SQLAlchemy
Version Control & Tools	Git, GitHub, Postman, Developer Tools, Vercel, Docker (basic), CI/CD (basic)
Cloud & Deployment	AWS (basic), Azure (basic), Nginx (basic), Vercel Deployment
Soft Skills	Problem Solving, System Design, Time Management, Team Collaboration, Analytical Thinking, Creativity, Communication

## Education

### Master of Engineering in Electrical and Computer

Jan 2023 – Apr 2024

*University of Windsor*

*Windsor, ON, Canada*

### Bachelor of Engineering in Electrical

Jul 2015 – Jun 2019

*Gujarat Technological University*

*Gujarat, India*

Projects

Workasana – Task Management Web App

MERN Stack (MongoDB, Express.js, React.js, Node.js), Bootstrap, Axios, Chart.js, CI/CD, Vercel

- Developed a full-featured task management web application enabling users to create, update, and visualize task progress through interactive dashboards built with Chart.js.
- Integrated secure RESTful APIs using Express.js and MongoDB for real-time task synchronization and persistent data storage.
- Implemented CI/CD pipelines to automate deployment and testing, reducing manual deployment time by 50%.
- Enhanced UI responsiveness and performance using React hooks, modular components, and Axios for efficient API communication.
- Optimized database queries and schema design, improving data retrieval speed by 20%.

Anvaya CRM App – Lead and Sales Management Platform

MERN Stack (React.js, Node.js, Express.js, MongoDB, Mongoose), Elastic Search, Bootstrap, Git, SDLC, Vercel

- Designed and developed a CRM platform to manage client leads, sales agent performance, and activity tracking with real-time analytics.
- Built modular and reusable React components with optimized state management using Redux and Context API.
- Implemented RESTful APIs and database relationships using Express.js and Mongoose, ensuring scalable and maintainable backend architecture.
- Integrated Elastic Search for advanced query performance and faster lead lookup, improving data retrieval by 45%.
- Collaborated with UI/UX and QA teams in an Agile environment, improving development efficiency by 15%.

E-Commerce Website – Online Shopping Platform

MERN Stack (React.js, Node.js, Express.js, MongoDB, Mongoose), Microservices, JWT, CI/CD, Vercel, Bootstrap, Git

- Built a scalable e-commerce platform with cart management, wishlist, checkout, and address modules supporting dynamic user sessions.
- Implemented JWT authentication and authorization to ensure secure API access and data privacy.
- Structured backend as microservices with Express.js and MongoDB, optimizing response time by 20%.
- Integrated CI/CD pipelines for automated testing and containerized deployment using Docker and Vercel.
- Conducted load and performance testing to ensure system reliability under high-traffic conditions.

LEADERSHIP

<b>Member</b>   GDSC (Google Developer Student Club)	<b>Sep 2023 - Dec 2023</b>
• I have acquired proficiency in GitHub, AngularJS, React, SQL Server, and Android through comprehensive technical workshops, coupled with active participation in quizzes to enhance my understanding and application of these technologies.	

Certifications

<b>Oracle Cloud Infrastructure Developer Professional</b>   Oracle	<b>Oct 2025</b>
• Validated expertise in OCI compute, storage, networking, and automation for cloud-native application development.	
<b>Oracle Cloud Infrastructure Application Integration Professional</b>   Oracle	<b>Oct 2025</b>
• Demonstrated proficiency in API management, event-driven architecture, and OCI integration services.	
<b>React Basics</b>   Coursera	<b>Oct 2023</b>
• Gained foundational skills in React components, state management, and front-end architecture.	
<b>Introduction to Front-End Development</b>   Coursera	<b>Sep 2023</b>
• Covered HTML, CSS, and JavaScript essentials for responsive web design and user interaction.	
<b>Introduction to Microsoft Dynamics 365</b>   Coursera	<b>Oct 2023</b>
• Learned CRM concepts, business process automation, and Dynamics 365 environment setup.	
<b>Microsoft Power Platform Fundamentals</b>   Coursera	<b>Dec 2023</b>
• Acquired knowledge of Power BI, Power Automate, and Power Apps for workflow automation.	