

Jaytun Kankotiya

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Collaborative Full-Stack Software Engineer with Master's degree in Computer Science and 1.5+ years of professional experience building scalable product features that serve millions of users. Proficient in Python backend development with hands-on experience across modern technologies including microservices architecture, Docker, RESTful APIs, and GraphQL. Demonstrated ability to continuously integrate clean, scalable, robust, and testable code while actively participating in code reviews to enhance skills and maintain quality. Proven track record of contributing to design discussions, proactively identifying dependencies, and communicating effectively with cross-functional teams.

TECHNICAL SKILLS

Backend Languages	Python, Node.js, experience with multiple programming languages
Frontend Technologies	React, JavaScript/TypeScript, HTML5, CSS3, modern frontend frameworks
Databases	PostgreSQL, Redis, ClickHouse, MongoDB, database design, query optimization
Modern Technologies	Microservices architecture, RESTful APIs, GraphQL, containerization concepts
DevOps & Tools	Docker, Kubernetes basics, Git, CI/CD pipelines, deployment automation
Cloud Platforms	AWS (EC2, S3, Lambda), Terraform, cloud infrastructure, scalable systems
Code Quality	Unit testing, integration testing, code reviews, clean code principles, TDD
Software Development	Full-stack development, agile methodologies, design patterns, scalability
Emerging Technologies	AI/LLM integration, modern engineering practices, continuous learning
Collaboration	Cross-functional teamwork, stakeholder communication, mentorship, knowledge sharing

EDUCATION

Master of Engineering in Electrical and Computer Engineering <i>University of Windsor</i>	Jan 2023 – Apr 2024 <i>Windsor, ON, Canada</i>
Bachelor of Engineering in Electrical Engineering <i>Gujarat Technological University</i>	Jul 2015 – Jun 2019 <i>Gujarat, India</i>

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer <i>ProjectTree Technology Private Limited</i>	Mar 2020 – Feb 2021 <i>Gujarat, India</i>
<ul style="list-style-type: none">Built innovative product features using Python and modern technologies that scaled to millions of users, implementing clean, scalable, robust, and testable code following engineering best practices and design patterns.Contributed to full-stack projects working across backend services (Python, Node.js) and frontend interfaces (React, JavaScript), delivering personalized and cohesive experiences for end users through thoughtful implementation.Actively participated in code reviews receiving regular feedback from experienced Engineers, continuously improving code quality, learning new approaches, and helping team members grow through constructive peer reviews.Collaborated with cross-functional teams including product managers, designers, and Engineers, communicating regularly about progress, proactively flagging risks and challenges, and ensuring alignment on project goals.Contributed to architecture and design discussions led by senior Engineers, proactively identifying dependencies, sharing ideas for system improvements, and helping shape technical direction of platform features.Stayed current with emerging technologies, engineering guidelines, and best practices, continuously learning new tools and approaches to enhance platform capabilities and deliver modern, focused enhancements.	

Software Engineer

Sep 2019 – Feb 2020

ProjectTree Technology Private Limited

Gujarat, India

- Developed backend services using Python implementing RESTful APIs and microservices patterns, gaining hands-on experience with full software development lifecycle from design through deployment.
- Worked with multiple technologies including Python, Node.js, PostgreSQL, and Redis, demonstrating versatility and eagerness to learn new languages and frameworks as project requirements evolved.
- Participated as collaborative team member supporting peers, sharing knowledge, and helping others grow while receiving mentorship and coaching from experienced Engineers invested in professional development.
- Took initiative to continuously grow technical skills by exploring new technologies, attending internal knowledge-sharing sessions, and proactively seeking opportunities to expand expertise across the stack.
- Communicated effectively with stakeholders providing regular updates, documenting technical decisions, and ensuring transparency about project status, dependencies, and potential roadblocks.

TECHNICAL PROJECTS

Workasana - Task Management App | *Python, Node.js, Docker, PostgreSQL, GraphQL*

- Architected and built full-stack application using Python backend with microservices architecture, Docker containerization, and GraphQL APIs delivering scalable solutions for thousands of concurrent users.
- Integrated clean, testable code with comprehensive unit and integration tests, implementing CI/CD pipelines that automated deployment workflows and maintained high code quality standards across releases.
- Contributed to design discussions evaluating technology choices, identifying system dependencies, and proposing architectural improvements that enhanced platform scalability and maintainability.
- Actively engaged in code reviews both as reviewer and reviewee, receiving valuable feedback from peers, learning best practices, and fostering collaborative environment focused on continuous improvement.

Kavios Pix Media Cloud | *Python, React, RESTful APIs, PostgreSQL, Redis*

- Developed full-stack communication platform using Python backend and React frontend, creating cohesive user experience with real-time features, content management, and personalized interactions.
- Implemented RESTful APIs and explored GraphQL integration patterns, staying current with modern API design approaches and emerging technologies to deliver enhanced functionality and developer experience.
- Collaborated with cross-functional stakeholders gathering requirements, translating user needs into technical specifications, and communicating progress through regular updates and transparent reporting.
- Proactively identified and managed technical dependencies, flagged potential risks early, and proposed solutions that minimized blockers and kept project delivery on track.

Full-Stack E-commerce Platform | *Python, Docker, Kubernetes, PostgreSQL, AWS*

- Built containerized applications using Docker and Kubernetes gaining hands-on experience with modern deployment technologies, orchestration patterns, and cloud-native architecture principles.
- Worked across full stack implementing Python backend services, React frontend components, and PostgreSQL databases, demonstrating versatility and ability to contribute to all layers of application stack.
- Took initiative to learn emerging technologies including container orchestration, pub/sub messaging patterns, and cloud deployment strategies, applying new knowledge to improve system reliability and scalability.
- Fostered collaborative team environment by sharing learnings, documenting implementation patterns, and helping team members understand complex technologies through knowledge-sharing sessions.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Oracle Cloud Infrastructure Developer Professional | *Oracle*

Oct 2025

Oracle Cloud Infrastructure Application Integration Professional | *Oracle*

Oct 2025

Introduction to Front-End Development | *Coursera*

Sep 2023

React Basics | *Coursera*

Oct 2023

Introduction to Microsoft Dynamics 365 | *Coursera*

Oct 2023

Microsoft Power Platform Fundamentals | *Coursera*

Dec 2023