

Work Experience

Qwalton Private Limited | Full Stack Engineer | Sept 2025 – Present

- Maintain and enhance production-grade AI-powered trading systems serving real-time users, sustaining strict uptime and latency requirements across critical financial workflows
- Optimized React component rendering, API communication, and data synchronization using TypeScript and Redux, achieving 45% faster page load times on high-traffic user flows
- Architected scalable, maintainable frontend component systems and enforced coding standards through systematic peer code reviews, reducing technical debt across 3+ active services
- Contributed to backend and frontend stabilization efforts that delivered up to 10× performance improvements post-release

Celstream Technologies | Software Engineer | Nov 2023 – Sept 2025

- Designed real-time, event-driven UIs using React and WebSockets, improving interface responsiveness by 40% for data-intensive applications serving concurrent users
- Improved frontend bundle performance by 25% through code splitting, strategic caching, and async request tuning using React and Node.js
- Built and integrated RESTful APIs using Node.js (Express) and Flask, supporting feature delivery across multiple sprints in an Agile environment
- Implemented JWT-based authentication flows for secure user sessions across client-facing applications
- Mentored 3 junior engineers and interns on clean code principles, Git workflows, and debugging strategies, enabling production-ready contributions within 4 weeks
- Delivered a major feature end-to-end recognized company-wide for innovation and systematic problem-solving

Skills

- **Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, HTML5, CSS3, Next.js
- **Databases:** PostgreSQL, MySQL, MongoDB Cloud
- **Backend:** Node.js (Express), Python (Flask), REST APIs, WebSockets, Microservices, go lang, C#, .NET Core
- **Cloud/DevOps:** AWS (API Gateway, DynamoDB), Docker, GitHub Actions (CI/CD)

Key Projects

[MyAlgoAI](#)

- Maintained and extended an automated trading platform integrating with multiple brokers, supporting real-time order execution and monitoring
- Built frontend interfaces for real-time data visualization using React, TypeScript, and WebSocket streams; contributed Python-based backend services for trade logic

Data Monitor Dashboard

- Built a real-time streaming dashboard in React for monitoring operational metrics across distributed services
- Reduced page load time by 50% through component-level optimization and code splitting; achieved 90% reduction in backend latency by redesigning API call patterns with Node.js and PostgreSQL

QR Dine | [Admin](#) | [Client](#) | [Demo](#)

Scalable SaaS Platform for Multi-Branch Restaurant Management

- Built a scalable multi-tenant SaaS platform using React, Next.js, and Node.js, with JWT-based authentication and role-based access control for admin and client interfaces
- Optimized API interactions and frontend rendering to handle high-concurrency scenarios across multiple restaurant branches

Open Source Contribution

Team Shiksha | [rsvp.kim](#)

Contributed full card and email customization, step validation, mobile previews, and UI improvements to the event creation flow ([Changelog](#))

Education

Bachelor of Technology, Information Technology | 8.3 CGPA

Shri Shankaracharya Technical Campus | 2019 – 2023

Certifications

[React - The Complete Guide 2023 from Udemy](#) | Nov 2023

[Frontend Development](#) | Feb 2022

[Microsoft Certified: Azure Fundamentals](#) | May 2026

Awards and Recognition

Recognized at Celstream Technologies for delivering a major feature implementation, showcasing innovation and problem-solving skills.