

Arjun Kotwal

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Education

Ontario Tech University

Bachelor of Science (BSc), Computer Science (Honours)

Oshawa, ON

2025 – Present

Relevant Coursework: Programming Workshop, Data Structures, Calculus I, Physics (Mechanics & Waves)

Technical Skills

Languages: JavaScript (ES6+), Python, C++, HTML, CSS, TypeScript, SQL (PostgreSQL)

Frameworks: React, Vue.js, FastAPI, Node.js, WordPress

Databases & Backend: PostgreSQL, MongoDB, Firebase, Supabase

Tools: Git/GitHub, REST APIs, Docker, Vercel, Netlify, VS Code, MS Office (Excel, PowerPoint, Word, Outlook)

Development Practices: Agile, Iterative, Waterfall (SDLC)

Work Experience

Web Developer — Center of Consciousness Awareness, Scotland

Remote

Contract

2025

- Designed, developed, and deployed a responsive website for a UK-based organization.
- Built clean UI layouts optimized for mobile, desktop, and performance.
- Translated stakeholder requirements into functional production features.
- Maintained site reliability, accessibility, and post-deployment updates.
- Documented features and communicated technical progress with non-technical stakeholders.

Projects

Cinewave — Movie Discovery Web App (Live)

React, JavaScript, Firebase, TMDB API

- Built and deployed a responsive movie discovery web application following iterative development practices.
- Translated feature requirements into functional components using React and RESTful APIs.
- Integrated external APIs to dynamically render movie data including ratings, cast details, and trailers.
- Deployed the application on Vercel using environment-based configuration and version control.

Internship Intelligence Platform — Application Tracker (MVP)

React, FastAPI/Node, PostgreSQL

- Designed and developed a full-stack application to track internship workflows using an iterative SDLC approach.
- Created RESTful APIs and relational database schemas to support user-specific dashboards and analytics.
- Implemented authentication and protected routes to ensure secure access to application data.
- Performed unit-level testing and debugging to improve reliability and data consistency.
- Translated functional requirements into technical designs and implementation tasks.

Additional Information

- Experience working in Agile and Iterative development environments across multiple projects.
- Strong analytical, communication, and teamwork skills developed through academic and real-world projects.