Omer Yousif

Software Development / QA

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Software Engineering Technology - Artificial Intelligence student at Centennial College seeking junior software development and QA opportunities. Interests include web applications, backend APIs, input validation and software testing.

EDUCATION

Centennial College | Expected December 2027

Software Engineering Technology - Artificial Intelligence

PROJECT TECHNOLOGIES

Languages: Python, JavaScript, TypeScript; C# and Java coursework; SQL

Web and data: React, HTML/CSS, Node.js, Express, FastAPI, MongoDB, PostgreSQL

Project tooling: Git/GitHub, Postman, Cypress, Vitest; REST APIs and input validation

RELEVANT EXPERIENCE

Software Developer — AI & Backend | ElectricBid Pro

Centennial College project placement | July–September 2026

- Implemented AI-assisted proposal draft workflows and Node.js backend endpoints with structured validation and required human review.
- Contributed automated tests, code reviews and fixes in a collaborative Electron/PostgreSQL application.

SELECTED PROJECTS

Orbit

Loyalty platform MVP | TypeScript, Next.js, Expo, Supabase

- Next.js web and Expo business clients share TypeScript permission, validation and loyalty-calculation packages.
- Supabase/PostgreSQL migrations sit alongside tenant-isolation test files, Vitest tests and CI configuration.

O / HQ [Source]

Desktop workflow simulator | TypeScript, Electron, SQLite, React

- Built a persistent SQLite project engine with task dependencies, scheduling, retries and approval workflows.

RELEVANT COURSEWORK

- C# and Java programming coursework covering input validation and object-oriented design.