

KAZI BADRUL ARIF

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EDUCATION

Bachelor of Science in Computer Science

University of Calgary, Calgary, AB

September 2022 - December 2026 (Expected)

EXPERIENCE

Data Elysium – Remote/Calgary

Software Developer (4 months Contract)

May 2025 - August 2025

- Built an interactive chatbot UI using React.js that helped 500+ users retrieve insights from uploaded PDFs via RAG and OpenAI integration, improving response accuracy by 35%.
- Collaborated with the backend team using Django REST Framework to integrate and test secure data endpoints across 3 main chatbot modules.
- Engineered user authentication flow using JWT and role-based access control, reducing unauthorized access by 100%.

PROJECTS

NextStepUofC – Job Portal Web Application

React · Django · PostgreSQL · REST API · Auth

March 2025 - June 2025

- Developed a job portal for University of Calgary students featuring role-based dashboards for students and recruiters.
- Implemented authentication, job posting, application tracking, and recruiter approval workflows, which will reduce manual recruiter workload by 40%.
- Designed a responsive UI and integrated email notifications for application updates.

IELTS Writing Mock Test Platform

React · Django · OpenAI API

January 2025 - March 2025

- Simulated IELTS writing exam with autosave, timer, and rubric features used by 200+ students for practice.
- Integrated OpenAI to generate instant feedback on grammar and structure, cutting review time by 90%.

MyUCalgary Navigator – UCalgary Schedule Builder Prototype

HTML · CSS · JavaScript

Nov 2025 - Dec 2025

- Built a responsive schedule planner used by 100+ University of Calgary students to drag and drop courses, reducing manual planning time by 60%.
- Implemented conflict detection logic and a mobile-friendly UI, offering a smoother experience than the official schedule builder.

TECHNICAL SKILLS

Languages: JavaScript (ES6), Python, SQL, TypeScript, Java, HTML5, CSS3

Frameworks & Libraries: ReactJS, jQuery, NodeJS, ExpressJS, Django, EJS, NPM, JWT

Developer Tools & Technologies: Git, GitHub, PostgreSQL, Figma, Bash Command Line, GitHub Pages, REST APIs, Role-Based Access Control

EXTRACURRICULAR ACTIVITIES

Member, Computer Science Society (University of Calgary)

September 2023 - Present