

# FAIYAD RAHMAN

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## Profile Summary

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Full-Stack Web Developer with expertise in M.E.R.N stack and a diverse project portfolio. Pursuing a BSc. in Computer Science with a minor in Operations Management at the University of Alberta. Passionate about leveraging technical skills and creativity to develop innovative web solutions for businesses and users.

## Technical Skills

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- HTML/CSS
- Javascript
- Python
- C
- MongoDB
- Express.js
- Node.js
- React
- SQL
- REST APIs
- Git
- Java

## Language Skills

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- English
- French
- Bangla

## Education

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**BSc. in Computer Science** - *University of Alberta*

*Expected 2025*

Relevant Courses: Web Applications and Architecture, Networks, Database Management

## Work Experience

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**Software Developer** - *Google Developer Student Club*

*Sept. 2021 - Apr. 2022*

- Developed a Discord bot that notifies users when jobs matching given criteria are posted on LinkedIn and Indeed
- Implemented the backend server and web scraping logic to retrieve and parse job data in order to aid over 50 students discover 200+ new opportunities
- Practiced Agile methodology to lead a cross-functional team through weekly standups, sprint planning, and sprint retrospectives to deliver a high-quality product

**Lifeguard** - *World Waterpark*

*Jan. 2019 - Jul. 2021*

- Ensured the safety of 2000+ guests in and around swimming pools every shift
- Performed over 30 lifesaving measures/rescues, including CPR during incidents until medical services arrived on the scene
- Trained 12 colleagues in customer service, safety procedures, and rescue operations

## Projects

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**Estatly Property Manager**

*Live demo: <https://estately.onrender.com>*

- Full-stack MERN application that allows users to manage their real estate portfolios, track earnings over time, and visualize the data for informed decision-making
- Developed a REST API with Node.js and Express.js, enabling secure data exchange between the front-end and back-end
- Architected and deployed a scalable MongoDB database to store and manage user data, property details, and earnings history
- Implemented user authentication using JWT to ensure data privacy and security
- Built with: MongoDB, Express.js, React, Node.js, Typescript, JWT

## Projects

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### ChatGPT Chat App

*Live demo: <https://chatgpt-chatapp.onrender.com>*

- Developed a chat application, enabling users to engage in one-on-one and group conversations, send attachments, and interact with ChatGPT
- Utilized ChatEngine to implement core chat functionality, such as one-on-one conversations, group chats, and attachment sharing
- Integrated OpenAI API with the chat application, allowing users to interact with ChatGPT and receive AI-generated responses
- Developed a custom back-end using Express and Node.js to handle user authentication, chat history management, and OpenAI API interactions
- Built with: Express.js, Node.js, React, SASS, ChatEngine, OpenAI API

### eCommerce Admin Dashboard

*Live demo: <https://admin-dashboard-we44.onrender.com>*

- Developed a comprehensive admin dashboard for an eCommerce store
- Designed an intuitive front-end interface for easy navigation and data exploration
- Visualized sales, orders, revenue, geographic data, user activity, and customer information, enabling data-driven decision-making and store management
- Built with: React, Nivo.js, SASS

### Secrets App

*Live demo: <https://secrets-oeso.onrender.com>*

- A full-stack application that allows users to read other users' secrets and share their own anonymously
- Architected the database schemas and deployed the MongoDB database
- Integrated the database with all parts of the app through complex queries and data aggregation
- Implemented user authentication with both a local strategy and Google authentication through OAuth 2.0
- Built with: MongoDB, Express.js, Node.js, Bootstrap

### Streaming Platform

*[github.com/FaiyadRahman/Streaming-Platform](https://github.com/FaiyadRahman/Streaming-Platform)*

- Developed a command line interface for interacting with a movie-streaming platform database
- Designed the SQL database structure and modelled relationships between tables
- Implemented a recommendation engine to generate personalized movie recommendations
- Built with: Python, SQL

## Certifications

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### The Complete 2023 Web Development Bootcamp - Udemy

*Dec. 2022 – Jan. 2023*

- Comprehensive skill set in HTML, CSS, JavaScript, MongoDB, Express.js, Node.js, and React from a highly-rated web development bootcamp
- Developed 14 diverse web projects, showcasing the ability to create websites and web apps for various purposes
- Experience in professional best practices in both frontend and backend development