

# Faiyad Rahman

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github.com/FaiyadRahman

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*Full-Stack Web Developer with expertise in MERN 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.*

## SKILLS

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**Technical Experiences:** JavaScript, HTML, CSS, Python, C, Java, SQL, UML, Microsoft Excel

**Tools and Frameworks:** MongoDB, Express, React, REST APIs, Firebase, Git, Figma, Canva, CI/CD, Agile

**Languages:** Multilingual proficiency in English, Bangla, and French

## EDUCATION

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### University of Alberta

Edmonton, AB

*BSc. Specialization in Computer Science, minor in Operations Management*

April 2025 (Expected)

- Courses: Web Applications and Architecture, Networks, Software Engineering

## EXPERIENCE

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### Google Developer Student Club

September 2021 – April 2022

*Project Developer*

- 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
- Designed and deployed the SQL database to efficiently save and query all job and user data
- Practiced Agile methodology to collaborate in a cross functional team through weekly stand-ups, sprint planning, and sprint retrospectives to deliver a high-quality product

### World Waterpark

January 2019 – July 2021

*Lifeguard*

- 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 scene
- Trained 12 colleagues in customer service, safety procedures, and rescue operations

## PROJECTS

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### Estatefy Property Manager

github.com/FaiyadRahman/Estatefy

*Live demo: <https://estatefy.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 custom 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
- Incorporated data visualization features with ApexCharts to display real-time property performance metrics and trends
- Implemented user authentication and authorization using JWT to ensure data privacy and security
- Built with: MongoDB, Express.js, React, Node.js, Typescript, JWT

## ChatGPT Chat App

[github.com/FaiyadRahman/ChatGPT-Chat-App](https://github.com/FaiyadRahman/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
- Ensured application security and data privacy by implementing user authentication and authorization mechanisms
- Built with: Express.js, Node.js, React, SASS, ChatEngine, OpenAI API

## eCommerce Admin Dashboard

[github.com/FaiyadRahman/admin-dashboard](https://github.com/FaiyadRahman/admin-dashboard)

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

- Developed a comprehensive admin dashboard for an eCommerce store, providing visualizations of sales, revenue, and more, enabling data-driven decision-making and store management
- Designed an intuitive front-end interface using React.js, for easy navigation and data exploration.
- Integrated mock data representing an eCommerce store's sales, orders, revenue, geographic data, user activity, and customer information.
- Employed data visualization libraries to create interactive charts and graphs for visualizing various key performance metrics
- Built with: React, Nivo.js, SASS

## Secrets Full-Stack Web App

[github.com/FaiyadRahman/Secrets](https://github.com/FaiyadRahman/Secrets)

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

- 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
- 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 modeled 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

December 2022- January 2023

Udemy

- Comprehensive skillset 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