Adil Zaman

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Glasgow, Scotland

EDUCATION

University of Strathclyde

Bachelor of Science in Software Engineering   Sep 2021 – May 2026

- Courses: Topics in Computing; Machines, Languages and Computation; Information and Information Systems; Programming Foundations Computer Systems and Organisation

EXPERIENCE

Game Server Engineer | https://store.civilmc.fun   Sept 2021 – May 2022

- Managed a large Minecraft creative community, with a volunteer staff who assist young community members so that they receive a positive experience and better facilitate cooperation
- Led a team of three working with servers, designing mechanics, and implementing features on hit game 'Minecraft' network
- Managed the design, installation and management of game server network linking 3+ dedicated machines together running 24/7
- Optimized servers to run 100+ Java applications concurrently at high server performance and 99% uptime for players
- Wrote game scripts that created content and experiences for 1,000+ players monthly
- Designed the webstore for this using CSS and JavaScript

Software Engineering Virtual Experience | JP Morgan Chase & Co.   October 2021

- Successfully used JPMorgan Chase frameworks and tools to implement an interface with a data price feed to highlight potential advantages for traders
- Implemented a Python Server that stored and sent data to a web application constantly
- Developed web application using TypeScript that displayed all stock prices from Python server on a dynamically changing graph visualizing all trades
- Used Git to push and commit any code changes

PROJECTS

Anime Search Website (React, REST API)

- Used JavaScript Fetch API to grab information from MyAnimeList public REST API and store it
- Wrote flexible functions to allow users to enter the name of an Anime and return information instantly
- Users can view the title, plot synopsis, reviews and watch the trailer of the returned animes
- Developed a dynamic webpage to view and modify data using the React framework

LED Lights Discord Bot (Python, Ubuntu)

- Created a completely 24/7 Discord.gg application written in Python using the Govee API and Discord.Py library
- Users with permission may enter commands which will change the color or brightness of the LED lights instantly
- Hosted on a Linux Virtual Private Server (VPS) running Ubuntu

SKILLS

- Languages: Python, HTML, CSS, JavaScript, Java
- Technologies: Bootstrap, TypeScript, React, Git, Linux/UNIX, Ubuntu/Debian, APIs