

Rafee Ahmed

Full Stack Developer

Age: 28 Gender: Male
Nationality: British

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PROJECTS

Industry Partner Portal - Aug 2022 (Digital Futures)

Spearheaded an intuitive application for industry partners to browse available graduates (data science, software engineering, data engineers & cloud) to select prospective candidates, interview and hire.

Key technologies used: Node, Express, React, HTML/CSS/Bootstrap & MongoDB Atlas

- Developed backend server & routes with Mongoose models and schemas
- Maintained unit tests to ensure my code behaved correctly on the backend and frontend to meet client specifications/user stories.
- Constructed a responsive front end for Industry Partners (Spotlight page and View graduate profiles page)
- Refactored code to improve readability and performance
- Investigated & resolved errors in existing code with TDD + git version control

Link: <https://github.com/Team-Engineering-Project>

Maths Revision Website, (current project) - July 2022 (Solo Project)

Independent project, for Longhill High School, to develop alternative online learning solutions for GCSE Maths.

Key technologies used: Node, Express, React, HTML/CSS/Bootstrap & MongoDB Atlas

Link: <https://github.com/orgs/A1Maths/repositories>

Graduate Employee Portal - March 2022 (Digital Futures)

Key technologies used: Node, Express, React, HTML/CSS/Bootstrap & MongoDB Atlas

Link: <https://github.com/mse4-dfx3>

WORK EXPERIENCE

Digital Futures, (remote) — Junior Full Stack Developer

Jan 2022 - PRESENT

Underwent a 3 month training process to become a full stack MERN developer. Also learned Java 8 in the process and gained experience with agile software development via multiple team engineering projects.

- Created software programs according to user stories and domain modelling
- Tested programs for errors and resolved them (TDD)
- Helped maintain and improve existing software programs
- Wrote code for new features and updates

Longhill High School, — Faculty of Mathematics Assistant (HLTA)

July 2020 - Jan 2022

Covered 10–20 hours of classes per week, performed spreadsheet data analysis to determine quarterly class structures and student progression.

Tutorful, online — Private Tutor

Mar 2017 - Present

Tutor students ranging in age from 10 to 24 on KS3/GCSE/A level Maths.

Link: tutorful.co.uk/tutors/m6r6a4xb

SKILLS

Technologies

Javascript

NodeJs + ReactJs + ExpressJs

Mongoose + ExpressValidator

MongoDB / Firebase / SQL

HTML5 + CSS3 + Bootstrap 5

Git + Github

Java 8 + Spring boot

Development

Object Oriented Programming

SOLID principles

Agile Software Development

Test Driven Development

(TDD) - J unit 5, Jasmine,

Jest, Mocha, Chai & React

Testing Library

EDUCATION

University of Sussex, Brighton — Bachelors

2013 - 2018

BSc Economics w/ Statistics

Hurstpierpoint College, Hassocks — A Levels

2010 - 2012

Mathematics - B

Computing - B

Business Studies - B

ACHIEVEMENTS

Cycled in France 1000km

Duke of Edinburgh Silver

NCO status at Hurst

Combined Cadet Force