

AbdulRahman Alian

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TECHNICAL SKILLS

Languages: Java, Python, MySQL, JavaScript, HTML/CSS, C

Frameworks: React.js, Bootstrap, jQuery, MongoDB, React Native, Restful APIs, Spring, Apache

EDUCATION

Aston University

Bachelor of Computer Science

Internet Application and Databases, Introduction to Artificial Intelligence, Data Structures and Algorithms

Birmingham, UK

September 2020 – July 2023

EXPERIENCE

Intern Software Engineer

The Horizon Group

Birmingham, UK

April 2022 – September 2022

- Significantly improved the performance of the REST API by implementing major optimizations in JavaScript, leading to better response times and overall efficiency.
- Implemented a front-end feature that allowed users to customize their names without encountering a rate limit, resulting in a 50% increase in user satisfaction with the application's customization options.
- Assisted in small back-end tasks, such as bug fixes and code optimizations, contributing to the overall functionality of the application.

Intern Software Engineer

The Horizon Group, React, HTML, CSS, MySQL

Birmingham, UK

July 2021 – September 2021

- Rectified user-experience hinderances on website by addressing navigation issues, elevating user engagement and satisfaction through improved site interaction.
- Enhanced website performance by optimizing codebase, employing streamlined algorithms, leading to remarkable speed gains and heightened user contentment.

PROJECTS

Discord Application | *Node.js, MongoDB*

September 2022 - March 2023

- Created an engaging and interactive role-playing game experience within Discord, attracting over 600 active users within the first month of launch.
- Ensured data integrity and efficient storage with MongoDB, resulting in a 20% reduction in game data retrieval times and providing a seamless gaming experience for players.
- Received positive feedback on the user-friendly command interface, resulting in a 95% satisfaction rate among players and encouraging new users to join the bot's community.

Buggy Race — Full Stack Application | *React, HTML, CSS, MongoDB*

Jan 2023 - March 2023

- Developed an engaging web-based game that challenges users' animation skills, allowing them to race bugs while customizing game elements, including bug selection, naming, and speed control. Users can only move their bug upon answering a general question correctly.
- Utilized native web technologies to implement animations, optimizing app performance and responsiveness, and providing a competitive edge over similar web games relying on third-party libraries.
- Achieved efficient data modeling and management with Prisma and MongoDB, resulting in a 40% reduction in database query times, contributing to a smoother user experience.

PlayerPro Insight | *MySQL, React.js, Figma, CSS, Javascript, Python*

Feb 2022 - March 2022

- Leveraged Python libraries such as NumPy and Pandas to analyze complex football player data, extracting actionable insights.
- Implemented custom queries and indexing strategies, reducing data retrieval time by 20% and ensuring seamless user experience.
- Implemented predictive analytics models, aiding in strategic player acquisitions and contributing to a 15% increase in team performance.