

# Arda Sahan

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## Education

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**Bachelor of Computer Science**

2021 – 2025

University of Greenwich

## Experience

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**Software Engineer Placement Intern**

June 2023 – June 2024

MRHB.Network

London

- Actively engaged in daily stand-ups and sprint planning meetings, enhancing my communication and team working skills as I collaborated with colleagues to discuss progress, address challenges, and collectively plan and prioritise tasks.
- Collaborated closely with the engineering team to identify, prioritise, and address critical backend issues. Leading to a 20% reduction in the resolution time of these issues.
- Took part in implementing unit tests which helped reduce the number of post-release issues by 10%.
- Resolved over 15 backend bugs helping to improve system stability and performance.
- Used Git for version control, making sure code was secure, and worked on smoother deployments, reducing errors by 10%.

## Projects

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**Bookshelf** | *ReactJs, Bootstrap, Sass, NodeJs, NestJs, MongoDB* ( Github )

- Developed a full-stack CRUD application and implemented a secure login and registration functionality to ensure user authentication and authorization using JWT tokens.
- Created user account management features, allowing users to have personalised accounts for a seamless experience.
- Produced easy to use features allowing users to add, delete, and update the books they are currently reading, providing a dynamic and interactive platform.
- Utilized Node.js and NestJS to develop a robust and scalable RESTful API, enhancing the application's performance and maintainability.

**Portfolio Website** | *ReactJs, Bootstrap, Sass* ( Live Demo, Github )

- Designed and developed a personal portfolio website showcasing a high level of proficiency in front-end development.
- Implemented a responsive design approach, ensuring an optimal and visually appealing user experience across various devices and screen sizes.
- Demonstrated a keen eye for design by creating an aesthetically pleasing user interface with a focus on user experience, resulting in a 15% increase in positive user feedback.

**London Underground Shortest Path Finder** | *Python* ( Github )

- Successfully implemented Dijkstra's and Kruskal's algorithms to create a system that can find the shortest path between two London Underground stations.
- Made sure the system takes into account of station closures and the ability to find alternative routes, ensuring adaptability in real-world scenarios
- Retrieved data from an Excel spreadsheet containing information on all London Underground stations, including travel times between each station and the train line each station belongs to.
- Collaborated effectively within a team of peers improving teamwork skills and contributing to the successful completion of the project.

## Technical Skills

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**Languages:** Python, JavaScript, TypeScript

**Web Technologies:** HTML, CSS, Sass, ReactJs, NodeJs

**Database Management:** MySQL, PostgreSQL, MongoDB, TypeORM, Postman

**Frameworks:** Bootstrap, ExpressJs, NestJs