

Ranjeth Ravichandran

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PROFILE

Ahighly motivated Computer Science graduate with First Class Honours from the University of Reading, experienced in front-end and back-end development, API integration, and data-driven AI solutions. Skilled in software development lifecycle practices and eager to contribute technical expertise to innovative projects.

EDUCATION

Computer Science BSc, University of Reading 09/2020 – 07/2024
First Class Honours in Computer Science. Reading, United Kingdom

PROFESSIONAL EXPERIENCE

Team Member, Greggs 02/2023 – present
London, United Kingdom

- Collaborated in a fast-paced team, maintaining service quality and efficiency.
- Developed analytical problem-solving skills and adaptability through rapid issue resolution.
- Enhanced attention to detail for consistent product quality, valuable in software accuracy.
- Improved communication and teamwork skills through daily customer interactions.

Observational Internship, Oracle 03/2021 – 04/2021
Reading, United Kingdom

- Observed large-scale software development processes, focusing on database management, cloud computing, and software life cycle management.
- Gained insight into enterprise-level solutions and agile methodologies.

Event Contractor, Showcase AV 02/2019 – 02/2020
London, United Kingdom

- Managed and executed event setups for high-profile weddings, focusing on audiovisual equipment, stage lighting, and venue décor.
- Led a team of contractors, ensuring the timely and efficient completion of tasks, improving overall event efficiency.
- Developed strong skills in warehouse operations, logistics, and on-site problem-solving.

Insight Day, BT Group 04/2019 – 05/2019
London, United Kingdom

- Engaged in workshops on network engineering and cybersecurity within the telecommunications sector

TECHNICAL PROJECTS

Educational Learning Platform, React/Python/Node JS

- Developed an interactive learning website featuring **quizzes** built in JavaScript, an **AI-powered chatbot**, a **user blog**, and an **integrated IDE** for coding challenges, offering a comprehensive and personalised user experience.
- Implemented AI chatbot functionality to provide tailored learning guidance and instant support for user questions, enhancing engagement and interactivity.
- Created a secure blogging platform for authenticated users, allowing them to document their learning journey and share insights.
- Integrated an interactive IDE that supports coding challenges by topic, reinforcing hands-on learning and enabling users to practice coding skills directly on the site.

League of Legends Statistics Application, React, JavaScript, League API

- Built an interactive application using React and League API, dynamically fetching and displaying data in a user-friendly interface.
- Integrated League API to retrieve real-time character data, showcasing skills in API handling and asynchronous operations.
- Enhanced search and filter capabilities, leading to faster data retrieval and improved user experience.

Data Science & Machine Learning Project, Python, Pandas, Scikit-learn

- Built a classification model to automate salary categorisation for new hires, reducing negotiation time by 25%.
- Trained the model on employee data, achieving a 90% accuracy rate in predicting salary ranges based on experience and education.

Image Compression and Decompression, MATLAB

- Implemented image compression and decompression algorithms, including Discrete Cosine Transform (DCT), Huffman Encoding, and Singular Value Decomposition (SVD).

TECHNICAL SKILLS

Javascript — Proficient	HTML/CSS — Proficient
Python — Competent	Java — Competent
SQL — Amateur	C++ — Amateur