

Ranjeth Ravichandran

Southall, London | E: ranjeth1965@gmail.com | P: +44 7399123602 | [Portfolio](#) | [LinkedIn](#)

PROFILE

Aspiring Software Engineer with expertise in full-stack development, data science, and artificial intelligence. Skilled in creating user-focused, scalable applications and delivering data-driven solutions. Focused on contributing to engineering teams and pursuing growth in technology-driven environments.

EDUCATION

UNIVERSITY OF READING

Bachelor of Computer Science | First Class Honors

Reading, United Kingdom

Graduated Aug 2024

Relevant Coursework:

- **Programming & Algorithms:** Python and Data Science, Fundamentals of Algorithms, Quality and Testing
- **AI & Data:** Artificial Intelligence, Text Mining and NLP, Data Integration & Visualisation
- **Systems & Applications:** Blockchain, VR, System Design, Web Applications

WORK EXPERIENCE

ORACLE

Observational Internship

Reading, United Kingdom

03/2021 – 04/2021

- 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.

SHOWCASE AV

Event Contractor

Southall, London

02/2019 – 07/2020

- 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.

BT GROUP

Insight

London

04/2019 – 05/2019

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

GREGGS

Team Member

Ealing, London

02/2023 – 12/2024

- Coordinated with colleagues to ensure smooth service, developing strong teamwork and task management skills.
- Effectively addressed customer inquiries and resolved issues, demonstrating quick thinking and adaptability.
- Engaged daily with customers and team members, enhancing my ability to communicate clearly and effectively.

TECHNICAL PROJECTS

EDUCATIONAL LEARNING PLATFORM

05/2024

Tech: React, Python, Tailwind CSS, MongoDB, SQL, REST API

- Developed an interactive learning website with quizzes, an AI-powered chatbot for personalised support, a secure user blog, and an integrated IDE for coding challenges, enhancing user engagement and hands-on learning.

DATA SCIENCE & MACHINE LEARNING PROJECT

01/2024

Tech: Python, Pandas, Scikit-learn, Seaborn

- 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

09/2023

Tech: MATLAB, Python

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

LEAGUE OF LEGENDS STATISTICS APPLICATION

10/2024

Tech: React, JavaScript, League API

- Developed an interactive application with React, leveraging the League API for dynamic data retrieval and display.
- Improved search and filter functions, enhancing data retrieval speed and user experience.

Technical Skills: Advanced in Javascript, Typescript, HTML/CSS, Python; Proficient in Java, MATLAB, SQL