

Ranjeth Ravichandran

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A highly motivated Computer Science graduate with First Class Honours from the University of Reading. Possess a strong foundation in modern computing technologies with hands-on experience in web development, AI integration, and software engineering. Actively seeking an entry-level position to apply my skills in software development and data analysis to contribute to innovative projects.

Work Experience

Event Contractor

Showcase Weddings Limited | Jan 2020 – Feb 2021

- 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 by 20%.
- Developed strong skills in warehouse operations, logistics, and on-site problem-solving.

Observational Internship

Oracle | Mar 2021 – Apr 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.

Insight Day

BT Group | Apr 2019 – May 2019

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

Technical Projects

Educational Learning Platform (React/Python/Node JS)

- Developed an educational platform integrating OpenAI for personalized learning experiences.
- Built both front-end and back-end systems, focusing on responsive design, user authentication, and real-time data interaction.

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).

Education

University of Reading – Reading, UK

BSc (Hons) in Computer Science | First Class Honours

Technical Skills

Languages: Python, Java, JavaScript,
HTML/CSS, C++, SQL

Tools/Frameworks: React, Git

Operating System: Windows, Linux

Interests

Basketball, Weightlifting, Judo, Monkeys