Ranjeth Ravichandran

[Portfolio](#) | [LinkedIn](#)

Education

University of Reading   Sep 2020 – Jun 2024
BSc in Computer Science with Honors, First Class (1:1)   Reading, Berkshire

Key Modules

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

Final Year Project - Educational Learning Platform
Tech: React, Python, MongoDB, REST API, CRUD   May 2024
- Developed an interactive platform featuring an AI-powered chatbot for personalised study assistance.
- Built secure user blogs with CRUD operations and quizzes, integrating a custom IDE for coding challenges.

Technical Skills

- Languages: Python, Java, JavaScript, SQL
- Web Technologies: HTML5, CSS3, React.js, Node.js
- Databases: MySQL, MongoDB, PostgreSQL
- Tools & Frameworks: Git, Jupyter Notebooks, Linux
- Data Science & ML Libraries: Pandas, NumPy, SciPy, Scikit-learn, PyTorch, TensorFlow
- Data Visualisation: Matplotlib, Seaborn, Tableau, Plotly

Technical Projects

Personal Dashboard
Tech: Electron, JavaScript, Node.js, REST API, CRUD | Completion Date: February 2025
Developed a desktop application using web technologies using the package Electron. Created a persona dashboard application with features such as Spotify Music, Daily weather, Motivational Quote Generation, Habit Tracker, etc.

League of Legends Profiler
Tech: React, JavaScript, League API | Completion Date: October 2024
Developed a real-time web application integrating the League API to fetch and display player statistics and match history. Optimised user experience through interactive charts and responsive design, resulting in increased user engagement.

Data Science Salary Predictor
Tech: Python, Pandas, Scikit-learn | Completion Date: January 2024
Designed and deployed a machine learning model to predict salary ranges for new hires based on experience and education, achieving a 90% accuracy.

Work Experience

Team Member, Greggs   Feb 2023 – Dec 2024
- Provide excellent customer service to approximately 300 customers daily
- Maintain store cleanliness and presentation standards
- Help resolve customer queries and handle complaints professionally

Wedding Event Setup and Audio-Visual Contractor, Showcase Weddings   Feb 2019 – Sep 2019
- Developed strong skills in warehouse operations, logistics, and on-site problem-solving.
- Supervised event setup teams, delegated tasks efficiently, and ensured timely project completion.

Certifications

Skyscanner Software Engineering Job Simulation Feb 2025
Developed an Android app to display flight itineraries with Backpack.

Commonwealth Bank Software Engineering Job Simulation Feb 2025
Created a responsive web page using HTML/CSS &Gained knowledge in financial cybersecurity and web hosting security.

Reference

Available upon request.