

# Ranjeth Ravichandran

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## Profile

I am a driven individual who has a knack for programming and analytical problem solving, I have garnered technical experience through personal projects as well as tackling certifications & courses alongside my degree in Computer Science. I am seeking an entry level position within the tech industry while continuing to learn and improve my skills.

## Education

**University of Reading**  
BSc in Computer Science, First Class with Honours (1<sup>st</sup>)

Sep 2020 – Jun 2024  
Reading, Berkshire

### Key Modules

Programming & Algorithms: Python and Data Science, Fundamentals of Algorithms & Data Structure, 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 Electron, implementing features such as Spotify Music, Daily weather, Motivational Quote Generation, Habit Tracker.

### 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
- 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.