

Ranjeth Ravichandran

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Professional Summary

Computer Science graduate with practical programming experience gained through personal projects and industry certifications. Strong analytical problem-solver with demonstrated ability to learn new technologies independently. Seeking entry-level position to apply technical skills while continuing professional development in software engineering.

Education

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

Final Year Project - Educational Learning Platform | [Github-Link](#) May 2024
Technologies: React, Python, MongoDB, REST API, CRUD

- Developed an interactive platform featuring an AI-powered chatbot for personalised study assistance.
- Built secure user blogs with CRUD operations and quizzes, integrated custom IDE for coding challenges.

Technical Skills

- Programming: Python, Java, JavaScript, SQL, HTML5, CSS3
- Web Development: React.js, Node.js, REST API, CRUD operations
- Data Science: Pandas, NumPy, Scikit-learn, PyTorch, TensorFlow, Matplotlib, Tableau
- Databases: MySQL, MongoDB, PostgreSQL
- Tools: Git, Linux, Jupyter Notebooks, Electron
- Hardware: PC setup & maintenance, Raspberry Pi configuration

Technical Projects

Self-hosted Websites using Raspberry Pi 4 July 2025
Technologies: Raspberry Pi 4 (Raspbian OS), DNS, JavaScript, Node.js, Multer

- Designed and deployed a full-stack, self-hosted web application using a Raspberry Pi 4 (4GB) as a personal server. Built a responsive web interface enabling users to upload, retrieve, and manage files securely.

Personal Dashboard Application | [Github-Link](#) Feb 2025
Technologies: Electron, JavaScript, Node.js, REST API, CRUD

- Developed a desktop application using web technologies using Electron, implementing features such as Spotify Music, Daily weather, Motivational Quote Generation, Habit Tracker.

Data Science Salary Predictor Jan 2024
Technologies: Python, Pandas, Scikit-Learn

- 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 in a fast-paced retail environment.
- Help resolve customer queries and handle complaints professionally, demonstrating communication and problem solving.

Event Organiser, Showcase Weddings Ltd Jan 2020 – Feb 2021

- Managed event setup planning, AV system configuration, and warehouse equipment handling.
- Delegated tasks and ensured smooth delivery of client events on tight schedules.

Internship & Insight Days

Observational Internship, Oracle, Reading Mar 2021 – Apr 2021
Gained exposure to Oracle Cloud Infrastructure and enterprise cloud systems.

Certifications

Skyscanner Software Engineering Job Simulation March 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.