Ranjeth Ravichandran

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PROFILE

Graduate Software Engineer with First Class Honours in Computer Science. Proficient in full-stack development, data science, and artificial intelligence. Actively improving through personal projects and daily programming.

EDUCATION

UNIVERSITY OF READING Reading, Berkshire
Bachelor of Computer Science | First Class Honours Sept 2020 - Jun 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

DORMERS WELLS HIGH SCHOOL - SIXTH FORM Southall, Middlesex
A-Levels: Maths, Physics, Computer Science Sept 2018 - Jun 2020

TECHNICAL SKILLS

Programming Languages: Advanced:Javascript, Python, Java, HTML/CSS; Proficient: MATLAB, SQL
Frameworks/Tools: React.js, Tailwind CSS, Node.js, MongoDB, REST APIs, Scikit-learn, Pandas

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.

TECHNICAL PROJECTS

Educational Learning Platform
Tech: React, Python, MongoDB, REST API | Completion Date: 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.
- Improved learning outcomes by 25% through gamification and personalised learning paths.

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 90% accuracy.

WORK EXPERIENCE

SHOWCASE AV Southall, London
Event Contractor 02/2019 – 07/2020
- 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.

ORACLE Reading, Berkshire
Observational Internship 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.

GREGGS Ealing, London
Team Member 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.