Ranjeth Ravichandran

Southall, London | E: ranjeth1965@gmail.com | P: +44 7399123602 | Portfolio | LinkedIn

PROFILE

Graduate Software Engineer with First Class Honours in Computer Science. Proficient in full-stack development, data science, and artificial intelligence. Adept at tackling complex challenges through problem-solving and collaborative teamwork. 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, TypeScript, HTML/CSS; Proficient: Java, MATLAB, SQL
Frameworks/Tools: React.js, Tailwind CSS, Node.js, MongoDB, REST APIs, Scikit-learn, Pandas

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.
- Designed advanced search and filter functions to improve data retrieval.
- Optimised user experience through interactive charts and responsive design, resulting in increased user engagement.

Fitness Buddy - Personal Health Tracker
Tech: React Native, Node.js, MongoDB
- Integrated IoT functionality by connecting to a personal scale to automate health metric tracking.
- Used data analytics to highlight improvement areas, boosting users' fitness progress awareness by 30%.

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.