

Ramraj Vaghela

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 London, UK

 LinkedIn

Professional Summary

Postgraduate student in Network Management and Cloud Computing with a strong foundation in Java programming, IoT systems, and mobile application development. Known for being methodical, reliable, and a natural problem-solver with teaching experience and a hands-on approach to learning. Driven by a passion for making technology accessible, especially through assistive innovations. Actively seeking roles where I can apply my technical expertise, cross-cultural communication skills, and real-world project experience in a professional environment.

Work Experience

Dental Technician & Receptionist – Enlighten Smiles

Dec 2024 – Mar 2025 | London, UK

- Processed and packed 200+ dental impressions weekly with 98% accuracy for lab transit.
- Managed 100+ patient records while ensuring 100% GDPR compliance and confidentiality.
- Developed impressions in labs with 80% to 90% accuracy.

Lecturer - Computer Engineering – LJ Institute of Technology

Jun 2024 – Sept 2024 | Ahmedabad, India

- Delivered lectures on Core Java and OOP to ~120 students, improving average test scores by 15%.
- Developed lesson plans and assessments that led to an 80% plus pass rate with scores above 70%.
- Mentored 7+ students on Java-based mini-projects, enhancing their practical coding skills.

IELTS Tutor – Surjeet IELTS and Consultants

Sept 2023 – Aug 2024 | Ahmedabad, India

- Trained 30+ students in IELTS preparation, with 90% achieving band scores above 6.5.
- Customized lesson plans for diverse learners, improving language proficiency scores by 20%.

Android/iOS Developer Intern – Simform Solutions

Feb 2022 – May 2022 | Ahmedabad, India

- Developed Android applications and designed responsive user interfaces for mobile platforms using Android SDK, improving load times by 25% through effective cross-functional collaboration.
- Applied strong problem-solving skills to integrate APIs using Retrofit and perform RESTful calls, reducing development errors by 20%.
- Utilized Git version control, executing key commands and resolving merge issues, enhancing team efficiency.
- Collaborated on cross-platform features that functioned consistently across multiple devices, contributing to a unified user experience in multi-device adaptive environments.

Education

Middlesex University, London – London

MSC in Network Management and Cloud Computing

Core Focus: Cloud Computing, Virtualization, Network Management (1st), Operating Systems. Modules: Cloud Computing, Network Troubleshooting, Network Security, Networking. Dissertation: IoT-based Smart Mirror system for home automation.

L.D College of Engineering, Ahmedabad – Ahmedabad

Master's in Information Technology

Focus Areas: Distributed Systems, Data Structures, Web Technologies. Dissertation: Low Light image enhancement using Machine Learning Algorithms (Distinction)

L.D College of Engineering, Ahmedabad – Ahmedabad

BE in Computer Engineering

Key Courses: Java Programming, Database Management, Computer Networks, Operating Systems, Mobile development. Final Year Project: Temperature-based fan speed controller using Arduino.

Govt. Polytechnic Ambawadi, Ahmedabad – Ahmedabad

Diploma in Computer Engineering

Key Courses: Java Programming, Database Management, Computer Networks, Operating Systems, Mobile development. Key areas: Foundation in Programming languages like C, C++, Java, HTML, CSS, Electronics, and Network Concepts. Final Year Project: Wireless Battery Sharing from one device to another.

Volunteering & Leadership

Volunteered in Techfest – L.D College of Engineering

- Led a 20-member team to organize college-level events; achieved 9.5/10 attendee satisfaction.
- Coordinated logistics and technical setups for 3+ large-scale competitions.

Scout Member – Bharat Scouts and Guides

- Participated in 5+ national-level camps and leadership programs, enhancing discipline and civic engagement.
- Led outdoor survival training and community service tasks for teams of 10-15 peers, improving collaboration and crisis-response skills.
- Volunteered 50+ hours in hospitals and community clean-up efforts, supporting patient care and promoting public hygiene.

Certifications

Microsoft Artificial Intelligence Skills Challenge

2023 – 2024

Hackathon Winner – Government Polytechnic, Ahmedabad

2019

GATE Qualified

Skills

Programming: Core Java, Advanced Java, C, C++, SQL

Web & Mobile Development: Android SDK, HTML, CSS

Networking: Router Configuration, Network architecture understanding, network protocols

Subnetting Tools: Git, Bitbucket, MySQL, Arduino, Raspberry Pi, IoT, DBMS

Soft Skills: Willingness to Learn and Upskill Continuously, Customer Service and Multitasking (from hospitality experience), Leadership and People Management (e.g., as Lecturer and volunteer), Analytical Thinking and Problem-Solving, Time Management, Strong Verbal and Written Communication and Teamwork

Languages

Gujarati (native or advanced proficiency), Hindi (advanced proficiency), English (advanced proficiency)