



David Mpangala

Final-Year B.E. ECE Student |
Corporate Relations Intern
(Placement Training Cell) | Aspiring
Full-Stack Software Developer and
Experienced in International
Student Support

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Skills

- Time Management
- Cloud Computing
- Team Building and Management
- Communication and Presentation Skills
- IoT
- Git
- GitHub
- HTML
- Java
- JavaScript
- CSS
- Node.js
- SQL
- MySQL
- Arduino Uno

👤 Summary

Final-year BE (ECE) student with a Minor in Full-Stack Development (IBM Certification). Skilled in Java, Web Development, Git/GitHub, Cloud Computing, and IoT. Currently a Corporate Relations Intern in the Placement Training Cell, building industry connections and supporting campus placements. Experienced in international student support and recognized for leadership, teamwork, and balancing academics with professional growth. Aspiring software developer with strong technical expertise and corporate exposure.

🎓 Education

Rathinam Technical Campus, Anna University

Bachelor of Engineering (BE) - Electronics and Communication Engineering (ECE), CGPA: 8.5
Coimbatore, Tamilnadu

B.E. ECE student with a Minor in Full Stack Development. Completed IBM courses in Software Engineering & Cloud Computing. Skilled in Java, Web Dev, Android Studio, and trained in C, Aptitude & Coding LeetCode. Balancing academics, placements & certifications.

IBM Skills Network (via Rathinam Technical Campus), Anna University

Minor Degree - Full-Stack Development

Courses completed: Introduction to Software Engineering, Cloud Computing, HTML, CSS & JavaScript, Git & GitHub. Working towards building 10+ real-world projects in full-stack web development. Aiming to complete 26 courses by September 2025.

💼 Experience

Rathinam Technical Campus

Corporate Relations Intern
Coimbatore, Tamilnadu

Aug 2025 - Present

Assisted in campus recruitment coordination and placement activities, Supported peers with resumes, interviews, and career readiness, Maintained records and facilitated recruiter interactions.

Rathinam Group of Institutions

International Admission Office Representative (part-time)
Coimbatore, Tamilnadu

Dec 2022 - Jul 2025

- Assisted international students with hostel, hospital, and admission processes.
- Liaised between students and administration, resolving inquiries effectively.
- Supported partnerships, drafted MOUs, and coordinated outreach for international admissions.

🏆 Awards

- **Best Team Player Award** – Recognized for strong collaboration and problem-solving skills during international student support programs.
- **Outstanding Contribution Award** – Honored for impactful initiatives in building cross-cultural engagement and corporate relations at Rathinam College.
- **Best Performer Badge** – C Programming – Earned for excellence in coding skills and performance in placement training.

- Raspberry Pi
- Data Structures
- Microsoft Office Suite
- Leadership
- Teamwork
- Communication
- Interpersonal Skills
- Risk Management
- Student Mentoring
- Cultural Competence
- Corporate Relations
- C Programming Language

Language

- English
- Swahili

Certifications

- Java Certification
- IBM Full Stack Software Developer Professional Certificate (Ongoing)
- Introduction to Software Engineering – IBM
- Git & GitHub Essentials – IBM
- Introduction to Cloud Computing - IBM
- Introduction to HTML, CSS, & JavaScript - IBM
- Getting Started with Git and GitHub - IBM
- Developing Front-End Apps with React - IBM
- Developing Back-End Apps with Node.js and Express
- Python for Data Science, AI & Development
- Software Developer Career Guide and Interview Preparation
- Generative AI: Elevate your Software Development Career
- Full Stack Software Developer Assessment
- Full Stack Application Development Capstone Project
- Introduction to Containers w/ Docker, Kubernetes & OpenShift
- Django Application Development with SQL and Databases
- Prompt Engineering In ChatGPT

Projects

ClearFrost Solutions (IoT & Web): IoT system to monitor snow levels and road safety; real-time alerts for snow removal companies. (Arduino, Sensors, HTML/CSS/JS)

ServiceSmith & SSmith (Mobile Apps): Dual Android apps for booking & managing home services. (Java, Android Studio, Firebase)

Smart Fire Control System (IoT & Mobile): Device + app for fire/gas detection, auto-shutdown, and motion sensing. (Embedded Systems, IoT, Firebase)

SanaaNexus (Full Stack – In Progress): Freelancer-client matching platform with order management & auto-suggestions. (React.js, Node.js, MongoDB)

NCW Events Organizer (Web): Student activity registration portal with filters & calendar. (PHP, MySQL, HTML/CSS)

References

- References available upon request