

# RAHUL REDDY NEELAM

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## EDUCATION

MSc – Software Engineering & Digital Transformation

ESIGELEC, Rouen, France

Feb 2025 – Jan 2026

Bachelor of Technology – Computer Science & Engineering

Nallamallareddy Engineering College, Hyderabad, India

Aug 2019 – Jun 2023

## SOFT SKILLS

- Collaboration
- Adaptability
- Problem-Solving
- Time Management
- Decision-Making
- Motivation

## CERTIFICATION

5<sup>th</sup> INTERNATIONAL CONFERENCE ON

EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY – 2023

Certification of Presentation – ICETET-2023

International Conference, St. Joseph College of

Engineering, Chennai (20 Apr 2023)

## PUBLICATION

Paper Title: A Web-Based Training and Placement Management System Using Java and MySQL

ICETET-2023 International Conference,  
St. Joseph College of Engineering, Chennai

- **Conference Date:** 19-04-2023 to 20-04-2023
- **Presentation Date:** 20-04-2023

## LANGUAGE

English : Fluent

French : Beginner(A2)

## PROFESSIONAL SUMMARY

Detail-oriented and analytical Master's student in Software Engineering & Digital Transformation (ESIGELEC, France) with strong skills in data analytics, Python, SQL, Power BI, and Excel. Experienced in transforming raw data into meaningful insights, building dashboards, performing preprocessing, and supporting data-driven decisions. Adept at problem-solving, collaboration, and working with real-world datasets across geolocation, healthcare, and training-management systems. Actively seeking a Data Analyst internship.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, HTML, CSS

**Database Management:** MySQL, PostgreSQL, SQL

**Frameworks & Tools:** Spring Boot, JSP, Node.js (basic), Git/GitHub, Docker, Jenkins

**Cloud & DevOps:** AWS EC2, Tomcat, CI/CD Pipelines

**Data Analytics:** Excel, Power BI, Pandas, NumPy

## EXPERIENCE

### Full Stack Java Developer – Magzest Consultancy Services

Jul 2024 – Dec 2024 | Hyderabad, India

Worked with SQL databases for data extraction, validation, and optimization to support application workflows.

Collaborated with teams to analyze requirements, streamline data flows, and improve system performance. Participated in debugging, code reviews, and version-control workflows using Git/GitHub.

Gained hands-on experience with API data processing, automation pipelines, and cloud/DevOps tools (Docker, Jenkins, AWS).

#### DevOps Training | Hyderabad

(Jan 2024 – April 2024)

- Worked with DevOps tools to streamline application delivery and improve deployment efficiency.
- Built practical Skills in setting up pipelines, version control workflows, containerization, and basic cloud deployment.

## TECHNICAL PROJECTS

### Placement Training Cell in Engineering Colleges:

- Developed a comprehensive web-based 'Placement Training Cell' system to automate and manage student training and placement activities efficiently.
- Designed database schema for student performance, placement records, and profile analytics. Built modules for structured data storage, filtering, and retrieval.
- Collaborated in full project lifecycle – from requirement gathering and system design to implementation and testing- ensuring a reliable, user-friendly solution.

### LifeDoner – Blood Donation & Emergency Healthcare Management System

- Developed a full-stack healthcare platform using ASP.NET Core MVC 8, Entity Framework Core, and SQL Server, including API-first architecture and responsive Bootstrap UI.
- Implemented secure role-based authentication, automated donor-hospital matching, and structured database design to enable real-time emergency response workflows.
- Conducted comprehensive UI, API, functional, and security testing, ensuring reliability, scalability, and professional healthcare-grade user experience.

### Geolocation Application(Mobile Application Development)

- Developed a Geolocation mobile application with real-time location tracking, interactive maps, and location-based notifications.
- Designed a responsive UI and optimized performance for accurate updates. Managed end-to-end development including requirements, implementation, and testing.

### Retrival Patterns for 3d objects

- Developed a 3D object retrieval system using geometric feature extraction and pattern recognition techniques.
- Implemented efficient similarity measurement and data processing methods to improve retrieval accuracy and speed. Optimized and tested the system to ensure reliable, high-performance identification and matching of 3D objects.