

Mohanrao Nangana

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LinkedIn | GitHub | Portfolio

Professional Summary

Motivated Computer Science student with strong skills in OOP, data structures, algorithms, and software testing. Experienced in test case design, automation, and debugging. Quick learner with solid problem-solving abilities, ready to grow as a Software Development Engineer in Test.

Technical Skills

Languages: Java, C, Python

Testing: STLC, Test Design, Regression, Functional, Automation (Selenium, JUnit)

Tools: Git, GitHub, JIRA,

Web/DB: HTML, CSS, React, Django, MySQL, MongoDB

Education

KL University, B.Tech in Computer Science and Engineering 2022 – 2026
CGPA: 9.05 (Till Date)

Tirumaa Junior College, Intermediate – 91.3% 2020 – 2022

Sri Chaitanya Techno School, SSC – CGPA: 10.0 2019 – 2020

Key Projects

Event Management System — Django, Python

Developed core modules for managing events, registrations, and schedules. Integrated user authentication and role-based access. Implemented backend logic and database connections. Tested functionalities end-to-end for smooth user flow.

Campus Placement Portal — React, MongoDB

Built a web application to manage campus placements. Designed front-end components with React and linked them to a MongoDB database. Developed features for student registration, company listings, and application tracking. Debugged and optimized the app for better performance.

Health & Nutrient Management System — Spring Boot, MySQL

Created backend REST APIs using Spring Boot to manage health and nutrient data. Designed database schemas and implemented CRUD operations. Validated data flows and handled exceptions. Focused on writing clean, maintainable code.

NKL Seafoods Website — HTML, CSS, JavaScript

Designed and developed a responsive website for a seafood export company. Built engaging product pages with images and details. Ensured mobile responsiveness and cross-browser compatibility. Added interactive UI elements to enhance user experience. Tested features with Selenium to ensure smooth operation.

MediaI Chatbot — AIML, AWS

Developed an AI-powered chatbot using AIML for MediaI. Created conversational flows to handle user queries interactively. Deployed the chatbot on AWS for reliable cloud hosting and scalability. Integrated it with a simple front-end for easy user access.

Internship Experience

AI/ML Virtual Internship — Eduskills

Remote

Completed hands-on projects in artificial intelligence and machine learning. Learned to build and train ML models using Python libraries. Gained experience with data preprocessing, supervised learning, and model evaluation techniques. Collaborated on real-world problem statements and presented solutions.

Certifications

- AWS Certified Cloud Practitioner
- Salesforce Associate Certification
- Red Hat Certified Enterprise Application Developer

Interests

Learning New Technologies | Gym | Cricket