Devaraju Alugolu

✉ alugoludevaraju26@gmail.com 📞 +91 7731998352 in DevarajuAlugolu ⌂ Devaraju

EDUCATION

Master of Computer Applications (MCA)   2023 – 2025 | CGPA : 7.7
Jawaharlal Nehru Technological University Kakinada (JNTUK)

B.Sc in Mathematics, Statistics & Data Science   2020 – 2023 | CGPA : 7.7
PB Siddhartha College of Arts & Science

Intermediate(XII) in Mathematics, Physics & Chemistry   2018 – 2020 | GPA : 9.0
K.B.N College

PROFESSIONAL EXPERIENCE

Software Engineer Intern   07/2023 – 12/2023
Makonis Software Solutions, Bengaluru
- Optimized key application pages by **30%** through **JavaScript** and **CSS** tuning, improving load times and overall user experience for 100+ daily users.
- Built responsive **React** UI components in an Agile team, enhancing mobile usability and engagement in candidate screening workflows.
- Integrated **5+ RESTful APIs** with **React/Redux**, enabling real-time data updates across dashboards and form modules—reduced data fetch time by **40%**.
- Improved deployment reliability and cross-browser accessibility through systematic debugging, testing, and collaboration with senior developers.

SKILLS

Programming Languages: C, Java, JavaScript, Python

Frontend Technologies: React, Next.js, HTML, CSS, Tailwind CSS

Backend Technologies: Node.js, Express.js, Spring Boot, Hibernate, Microservices, AWS

Databases: MySQL, PostgreSQL, MongoDB

Tools: Git, GitHub, Docker, Maven, VS Code, Excel

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming(OOP), Operating Systems

PROJECTS

Event Management Platform 🔗
Java, Spring Boot, Hibernate, React, TypeScript, PostgreSQL
- Developed **full-stack platform** with **role-based dashboards** for organizers, attendees, and staff, enabling **real-time inventory management**.
- Implemented **QR code generation/validation** and secured **RESTful APIs** using **OAuth2 via Keycloak** for controlled access.
- Containerized using **Docker** and integrated a **CI/CD pipeline** to automate builds, tests, and deployment.

Expense Tracker 🔗
Java, Spring Boot, React, MySQL
- Built a **full-stack financial application** with **JWT-based authentication** and **RESTful APIs**, supporting secure user registration, login, and password reset flows.
- Developed **dynamic user dashboards** for tracking transactions, managing budgets, and visualizing financial statistics through **interactive charts**.
- Implemented an **admin panel** with advanced **CRUD operations**, including search, filter, and pagination for efficient management of users, categories, and transactions.

Diabetes Predictor 🔗
Python, Scikit-learn, Flask, Web Development
- Developed **ML model** to predict diabetes risk from health metrics (BMI, glucose, blood pressure), achieving **85% accuracy** on **1,000+ test cases.**
- Deployed as **Flask web app** for user input and instant predictions, with secure data handling and responsive UI.