

NAGENDRA BABU PULI

Hyderabad, Telangana

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🌐 github.com/Nagendrababu30

Career Objective

Self-motivated and detail-oriented Computer Science graduate seeking a Java Full Stack Developer role to build scalable, secure, and high-performance enterprise applications while continuously enhancing technical and problem-solving skills.

Education

Saveetha School of Engineering

B.E. in Computer Science Engineering — 8.3 CGPA

2021 – 2025

Chennai, Tamil Nadu

Narayana Junior College

MPC — Telangana State Intermediate Board — 9.3 CGPA

2019 – 2021

Hyderabad, Telangana

Bhashyam High School

SSC — Telangana State Board — 8.8 CGPA

2018 – 2019

Hyderabad, Telangana

Experience

Codegnan Destination

2025

Java Full Stack Trainee

Hyderabad, Telangana

- Developed full-stack applications using Java, Spring Boot, REST APIs, ReactJS, HTML5, CSS3, and JavaScript.
- Designed and consumed RESTful APIs for seamless frontend-backend integration.
- Worked with MySQL to design schemas, write optimized SQL queries, and perform CRUD operations.
- Applied OOP principles and clean coding practices to build maintainable applications.
- Debugged and resolved application issues to improve performance and reliability.

Projects

Automatic Fish Feeder System

Mar 2025

Java, ESP32, Firebase, IoT

- Designed and developed an IoT-based automatic fish feeder using Java logic on ESP32.
- Implemented scheduled and real-time food dispensing using servo motor control.
- Integrated Firebase for cloud-based schedule storage and live mobile app updates.
- Ensured reliable synchronization between ESP32 and Firebase for accurate automation.

Data-Driven Maintenance Approaches in Bike Production

Nov 2024

Python, Machine Learning

- Developed a machine learning system to predict bike component failures using maintenance data.
- Performed data cleaning, preprocessing, and feature engineering to improve accuracy.
- Compared ML algorithms and identified Decision Tree as the most effective model.
- Visualized predictions and performance metrics to support maintenance decisions.

Technical Skills

Programming Languages: Java (Core, OOP), Python (Basics)

Backend Development: Java, Spring Boot, RESTful APIs, JDBC

Database & ORM: SQL, MySQL, Hibernate (Basics)

Frontend Technologies: HTML5, CSS3, JavaScript, ReactJS, Bootstrap

Tools & Version Control: Git, GitHub

Software Development: Debugging, Code Optimization, Clean Code Practices

Development Practices: API Integration, CRUD Operations, Basic Microservices Concepts

Professional Skills

- Problem Solving and Analytical Thinking
- Adaptability and Continuous Learning
- Team Collaboration and Communication
- Time Management and Ownership