AJITH K

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GitHub: https://github.com/Ajithk103

Full stack Developer skilled in Spring Boot, React, MySQL, and Django with hand-on experience in REST APIs and scalable backend systems. Delivered projects and completed 4 internships across full stack, ML, and UI/UX. Strong in problem-solving, clean architecture, and end-to-end application development.

EDUCATION

B. Tech - Artificial Intelligence and Data Science
Dhanalakshmi Srinivasan College of Engineering, Coimbatore | 2021 - 2025

SKILLS

Backend: Core Java, JDBC, Servlet, JSP, Spring Boot, Hibernate, Python, Django
Frontend: HTML5, CSS3, JavaScript (ES6), React.js, Bootstrap, Tailwind CSS
Database: MySQL, SQL
Tools: Git, GitHub, Eclipse, VS Code, Postman, Tomcat, Figma
Concepts: OOP, MVC, REST API, Responsive Design, Microservices

INTERNSHIPS

Full stack Development Trainee | Tap Academy Bengaluru Karnataka | June 2025- Present
- Undergoing intensive training in java Full Stack Development covering Java, JDBC, Spring Boot, Hibernate, HTML5, CSS and SQL

Python Django Intern | Futura Labs, Kozhikode, Kerala | Jun 2024 - Jun 2024
- Developed a complete CRUD web application using Django ORM, Python, and SQL
- Implemented user authentication and admin management

Machine Learning Intern | ZanX Technologies, Palakkad, Kerala | Aug 2023 - Aug 2023
- Built ML models using SVM, Random Forest, and CNN
- Improved model accuracy through data preprocessing & feature engineering

AI Intern | Torc InfoTech PVT LTD Kochi Kerala | Jul 2022 - Aug 2022
- Gained hands-on experience with supervised and unsupervised learning algorithms.

PROJECTS

Portfolio Website (Html, CSS, JavaScript, Tailwind)
- Built a fully responsive website using Tailwind CSS components
- Added smooth animations & reusable UI components

Full stack Employee Management System | Java, Spring Boot, React, MySQL
- Bulit a scalable Employee Management platform using Spring Boot, enabling smooth CRUD operations
- Implemented responsive UI, and role-based access to manage data efficiently

Django project | Python, Django, SQL, JavaScript
- Developed a Django application with modular architecture
- Implemented REST APIs, template rendering & form validation

UI&UX project - Music Integration for Workout App | Figma (UI/UX)
- Designed intuitive UI screens using Figma to integrate music playback within a fitness app interface
- Conducted user research to identify preferred music features during workout sessions

Wild Animal detection and Repellent System | Deep Learning (CNN)
- Built CNN model for animal detection with real-time inference
- Integrated sensors + Raspberry Pi for alert system

CERTIFICATIONS

- Prompt Engineering with Generative AI
- UI & UX Design Certification
- Network Essential - Cisco Naan Mudhalvan
- Microsoft Essential - Naan Mudhalvan