





ADITYA CHAKRE

 <https://www.linkedin.com/in/aditya-chakre-ba882b23b/>
 <https://aditya11ak.github.io/SiteHost/>
 +91 84218-60038
 adityachakre123@gmail.com

SUMMARY

Aspiring Java Backend and Full Stack Developer with hands-on project experience in Spring Boot, Hibernate and React.js. Built practical systems including a library management system, job portal, and IoT-based EV predictive maintenance project. Gained real-world exposure during DRDO-DIAT internship, implementing PID control algorithm.

SKILLS

- Languages: Java (DSA & OOP) , C++ , Python, JavaScript, SQL
- Frontend Development: React.js, HTML, CSS, Bootstrap
- Backend Development: Spring Boot (REST API, MVC, Security, Data JPA, AOP, JWT), Hibernate, JDBC
- Database: MySQL, MongoDB, Firebase
- Tools & Technologies: Maven, Git, GitHub, Docker

PROJECTS

Battery Monitoring and Alert System Using Predictive Maintenance in EV's. (Final year project).

- Designed an IoT-based Battery Monitoring System for EVs using ESP32 to stream real-time sensor data (temperature, humidity, voltage, current) to Firebase. Integrated a trained ML model via Google Colab for anomaly detection and alert generation (threshold-based and critical red alerts) and also for predictive maintenance. Developed a web dashboard for live monitoring and historical diagnostics and maintenance.

JobApp using spring Boot

- A Spring Boot application using Web, Data JPA, Security, AOP, MySQL, and Lombok. It provides REST APIs, authentication & authorization, database integration, and cross-cutting concerns like logging via AOP, making it a complete foundation for scalable web applications.

Library Management System in Java

- Developed a Library Management System in Java using Maven, MySQL, JDBC, Hibernate, and JPA. Integrated Java Collections and RegEx for data handling and validation, ensuring smooth user input and secure DB interactions.

EDUCATION

<u>Engineering</u>	Electronics & Telecommunication Pimpri Chinchwad College of Engineering, Pune	CGPA: 7.92 2025 Pune, Maharashtra
<u>Diploma</u>	Electronics & Telecommunication A. G. Patil Polytechnic Institute, Solapur	90.59 % 2022 Solapur, Maharashtra
<u>X (SSC).</u>	Modern High School Camp, Solapur	80.80 % 2019 Solapur, Maharashtra

CERTIFICATIONS / ACHIEVEMENTS

- Won 1st prize in college for final year project under IoT category.
- Won 3rd prize in DRDO-DIAT workshop on antenna design and theory.
- Completed an internship at DRDO-DIAT (Defence Institute of Advanced Technology).
- Completed a certification in Agile methodology and job simulation from Cognizant.
- Completed MongoDB Toolkit course from GeeksforGeeks (GFG).