

Aditya Boddu

Software Developer

Software developer intern with expertise in frontend and backend technologies, including React, Node.js, Spring Boot, and PostgreSQL. Completed a full-stack Java course and solved 300+ LeetCode problems. Experienced in enhancing Network Management Systems (NMS), integrating APIs, and optimizing security with features like JWT, two-factor authentication, and role-based access control. Proven track record in developing scalable, secure, and efficient solutions for real-time network monitoring and management.

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EDUCATION

MCA (Master Of Computer Applications) Koneru Lakshmaiah University

11/2021 - 09/2023

8.71 CGPA

B.Com (Computer Applications) Osmania University

08/2018 - 07/2021

8.05 CGPA

PERSONAL PROJECTS

Secure Storage With Efficient Key Update for IOT Devices.

- Designed and developed a web application that securely stores data resources from IoT devices, utilizing encryption and key management to ensure data protection.
- Technologies Used: HTML, Java(Spring), JavaScript and MySQL.
- Source Code Link: <https://github.com/adityaaditya98/Secure-Storage-With-Efficient-Key-Update-for-IOT-Devices>.

Student Management System.

- Developed a robust and extensible student management system from scratch using Spring Boot framework, integrating it with a MySQL database for efficient data storage and retrieval.
- Designed a user-friendly web interface for administrators to input, update, and retrieve student details, ensuring a streamlined and intuitive data management process.
- Technologies Used: Spring Boot, MySQL, HTML, CSS, RESTful API design.
- Source Code Link: <https://github.com/adityaaditya98/Student-Management-System>.

EXPERIENCE

SDE (Internship). Code Inbound LLP

09/2024 - 02/2025

India

Company WebSite Link: <https://www.codeinbound.com/>

Achievements/Tasks

- Improved the NMS by integrating expanded monitoring capabilities with protocols like SNMP v3 and HTTP, enhancing the alerting system with email, SMS, and Slack notifications, and implementing a robust data visualization dashboard to track node uptime and performance metrics.
- Strengthened system security by implementing two-factor authentication (2FA), role-based access control (RBAC), and encrypted storage for sensitive data, ensuring compliance with best practices.
- API Integration: Worked on a Network Monitoring System (NMS) using the OpenNMS API, integrating and managing API functionalities to monitor network performance effectively.
- Solved a session management challenge by implementing JWT with middleware validation, optimizing both security and server efficiency.
- Designed the frontend using HTML, CSS, JavaScript, and React, and developed backend services using Node.js, Spring Boot, NestJS, Microservices, Devops and PostgreSQL.

PROGRAMMING SKILLS



ACHIEVEMENTS

300+ Problem Solved in LeetCode.

Achieved a top 5% ranking on LeetCode by solving over 300 problems, including those on data structures, algorithms, and system design. Profile Link :- <https://leetcode.com/AdityaBoddu/>

AVANT-GARDE Hackathon Challenge.

Received the AVANT-GARDE Hackathon Challenge's fifth place prize Link: <https://shorturl.at/iJSZ1>

3 star in hackerrank.

Achieved 3 star in C language. https://www.hackerrank.com/b_adityaaditya98

CERTIFICATES

AWS Academy Graduate - AWS Academy Cloud Foundations

AWS Academy Graduate - AWS Academy Cloud Foundations successfully completed on Canvas. Visit this link to access the file: <https://shorturl.at/ezAT2>

Certificate of Completion from Coding Mafia Data Structures and Algorithms (03/2022 - 04/2022)

Has successfully finished the Coding Mafia team's Data Structures and Algorithms course at Coding Club India. Link: <https://shorturl.at/uxDET>

HackerRank Certificate Java(Basic) (05/2022)

has achieved HackerRank Java(basic) Certification success. Link: <https://shorturl.at/cEOR7>

Full Stack Java Developer Certification – JSpiders (Offline) (12/2023 - 07/2024)

Completed an intensive, hands-on **offline** training program covering core Java, advanced Java (JDBC, Servlets, JSP), Spring Framework, Spring Boot, Hibernate, HTML, CSS, JavaScript, and SQL. Gained practical experience through real-time projects, mock interviews, and coding challenges, preparing for full-stack development roles in the industry.

LANGUAGES

English
Native or Bilingual Proficiency

Telugu
Full Professional Proficiency

Hindi
Full Professional Proficiency