ABHISHEK A

Palakkad, Kerala | +91 95625 94778 | abhisheka301019@gmail.com
Github: https://github.com/abhisheka9562 | LeetCode: https://leetcode.com/u/abhisheka9562/
LinkedIn: https://www.linkedin.com/in/abhishek-arimbra/

SUMMARY

Computer Science graduate with a strong interest in software development. Gained hands-on experience in Java, Spring Boot, Flutter, and deep learning through various projects. A dedicated problem solver with over 150 problems solved on LeetCode. Seeking opportunities to learn new technologies and apply them to real-world problems.

PROJECTS

JobNest: Microservices-Based Job Portal

Developed a job portal using Java, Spring Boot, PostgreSQL, and Spring Cloud. Implemented a microservices architecture with Eureka for service discovery, API Gateway for routing, and OpenFeign and RabbitMQ for inter-service communication.

Enhanced Diver Communication System using Gesture Recognition

Built a hybrid deep learning system combining ResNet50 for spatial feature extraction with a Transformer encoder for accurate gesture classification. Enabled real-time recognition of underwater gestures to facilitate effective diver communication.

ScheduleEase: Finance and Task Management App

Developed a finance and task management app using Dart and Flutter, focusing on creating a smooth and responsive user experience. Implemented data storage and management efficiently with the Hive database.

TECHNICAL SKILLS

Programming & Web Technologies: C, Java, Dart, Python, HTML, CSS, REST APIs

Frameworks and Libraries: Spring Boot, Flutter, Hive

Databases & Messaging: MySQL, PostgreSQL

Tools & Platforms: Docker, VSCode, IntelliJ IDEA, Google Colab, Postman

Concepts: Object-Oriented Programming, Data Structures, Microservices

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POSITIONS OF RESPONSIBILITY

- Placement Coordinator, CSE - Organized recruitment drives and placement events, coordinating with students.
- Convenor of Solasta'24 - Organized a three-day departmental technical event, overseeing all logistics and coordination.
- Dept. Coordinator of Noopuram'24 - Coordinated and contributed to winning the four-day inter-department cultural fest.
- Student Representative, Student Association of Computer Science(STACS) - Organised various extracurricular events.
- Industrial Visit Coordinator - Organized a 14-day industrial visit for students, managing all logistics.

CERTIFICATIONS

- NPTEL Certification in Deep Learning from IIT Kharagpur.

EDUCATION

NSS College of Engineering   *2021-25*
BTech in Computer Science and Engineering
CGPA: 8.35

G.H.S.S POTTASSERRY   *2019-21*
Higher Secondary
Percentage: 99.16

M.E.T.E.M.H.S.S   *2018-19*
Secondary
Percentage: 95

EXTRACURRICULAR ACTIVITIES

- National Service Scheme Volunteer.
- Member of College cricket team.
- Volunteered at Dyuksha'23 (three-day National technocultural festival), Noopuram'22 (four-day cultural event), Solasta'22 (three-day department technical event).

ADDITIONAL INFORMATION

Soft Skills: Leadership, Adaptability, Time Management, Team Player

Languages: English, Malayalam, Basic Hindi