RAABIYA N

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GitHub|| LeetCode

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EDUCATION

Under Graduate – B.Tech Information Technology   Chennai, Tamil Nadu
Aalim Muhammed Salegh College of Engineering | CGPA: 8.47 / 10   **Nov 2021 – June 2025**

Higher Secondary Education – Biology & Mathematics   Chennai, Tamil Nadu
Government Girls Higher Secondary School | Percentage: 73.29/100   **June 2020 – May 2021**

SKILL SUMMARY

- **Languages:** Java, JavaScript, SQL
- **Frontend:** HTML5, CSS3, ReactJS, Bootstrap, Tailwind, GSAP
- **Backend:** Node.js, Express.js, Flask
- **Tools/IDEs:** VS Code, PyCharm, IntelliJ, Eclipse, Git, GitHub, Postman, NPM
- **Soft Skills:** Fast tech stack adaptation, Project delivery under deadlines, Collaborates in agile teams, Communication across dev & non-dev teams.

EXPERIENCE

Full-Stack Java Developer Trainee | JSpider   Vadapalani, Chennai
July 2025 – Present

- Designed and optimized relational database schemas (SQL) for business intelligence dashboards — upgraded query performance by 15% on average, reducing dashboard load times.
- Fashioned easily testable Java components for major e-commerce platform using OOP concepts, improved code maintainability by 20% and decreased debugging time by 10 hours per sprint.
- Completed Java (Core) training with hands-on exposure. and Web Technologies including HTML5, CSS3, and JavaScript, building responsive and interactive front-end components.

GenAI Developer Intern | Triplem Infotech Soln. pvt. ltd.| LINK   Madhavaram, Chennai
July 2024 – Aug 2024

- Developed the AI-powered Job Matcher using Generative AI tools. Increased interaction rates by 40% by engineering a seamless chat-based job guidance flow.
- Reduced job match latency by 150ms through novel loss function optimization.
- Integrated domain-specific skill flows and prompt engineering to improve recommendation accuracy.

PROJECT

AI-ML Based GIS Fishermen Tracking System (Arduino, GPS, GSM, MPU6050, EEPROM, LoRa, C++) | LINK

- Engineered an AI-ML based GIS tracking system using Arduino, GPS, GSM, MPU6050, and LoRa, enabling continuous monitoring of fishermen's real-time location in deep-sea environments.
- Pioneered motion-triggered emergency detection using the MPU6050 sensor, Integrated offline GPS data caching via EEPROM alongside auto-sync logic, guaranteeing 100% data integrity during GSM blackouts and enhancing location data availability for 100+ fishermen.
- LoRa integration extended communication range by over 10 km, significantly enhancing coverage in remote ocean zones.

Skill-Based Job Matcher (Flask, Gen AI, Gemini Flash 1.5) | LINK

- Built an AI-powered job recommendation platform using HTML, CSS, JS, Flask, and Generative AI APIs to personalize suggestions for users without formal degrees, reducing drop-off by 35% through real-time AI responses.
- Integrated a GenAI - driven chat interface that boosted user engagement by 40% through tailored role suggestions and guided conversations.
- Optimized job-role matching accuracy by 60% by building a domain-specific skill flow with smart conditional rendering and structured data capture.

CERTIFICATES

- Web Developer Bootcamp – **UDEMY**   **[LINK]**
- Software Engineering Job Simulation – **ACCENTURE(FORAGE)**   **[LINK]**
- GenAI – **GUVI**   **[LINK]**