

MARIYAM FARHANA B

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EDUCATION QUALIFICATION

B.E. in Computer Science and Engineering (2019 - 2023) — CGPA: 8.5

Sri Eshwar College of Engineering

Coimbatore, Tamil Nadu

SKILLS

- **Programming Languages:** Java, C++, Python
- **Data Structures & Algorithms:** Strong problem-solving skills
- **Distributed Systems:** Scalable storage, indexing, query systems
- **Database Management:** SQL, NoSQL, Relational Databases
- **Cloud & Computing:** AWS, Azure, Distributed Computing
- **Development Tools:** Git, Docker, Kubernetes
- **Optimization Techniques:** Linear & Nonlinear Optimization
- Active on **LeetCode**, solving complex DSA, SQL problems

CERTIFICATIONS

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| • HTML, CSS, and JavaScript for Web Developers | COURSERA |
| • Data Structures and Algorithms Certification | COURSERA |
| • Java Programming and Software Engineering Fundamentals | COURSERA |
| • Test Automation with Junit | UDEMY |

INTERNSHIP

Mean Stack Intern - Gateway Software Solutions

- Built responsive and dynamic user interfaces using **HTML**, **CSS**, **JavaScript**, and Angular, improving user engagement.
- Designed and optimized RESTful APIs with **Node.js** and **Express.js**, ensuring seamless integration with MongoDB.
- Enhanced API performance by reducing latency through query optimization, achieving a 20% faster response time.
- Conducted unit and integration testing using Jasmine and Postman, ensuring 95% code coverage and system reliability.

PROJECTS

Contactless Attendance System

- Designed and implemented a Python-based face recognition system for contactless attendance tracking.
- Utilized OpenCV and Python libraries for image processing and face detection.
- Integrated a relational database to securely store and manage attendance records.
- Achieved a 90% accuracy rate in real-time face recognition, reducing manual errors significantly.

Customer Feedback Analysis

- Cleaned, transformed, and analyzed customer feedback datasets using Python libraries like Pandas and NumPy.
 - Identified key pain points by applying sentiment analysis and trend identification techniques.
 - Created visual reports using Power BI, highlighting areas for service improvement.
 - Proposed actionable changes based on insights, leading to a 20% increase in customer satisfaction ratings.
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