Noufia Mohammed

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SUMMARY

B.Tech Computer Science student with strong knowledge in Java, Python, OOP, and web technologies. Skilled in full-stack development, database management, and software engineering concepts. Eager to apply technical skills to real-world projects and innovative solutions.

SKILLS

- **Languages**: JAVA, Python, C, HTML, CSS, JavaScript, SQL
- **Tools**: VS Code, JDK, Eclipse, GIT, PostgreSQL, MySQL, SQLite
- **Platforms**: Linux, Web, Windows
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Luminar Technolab** — Remote
  Java Full Stack Developer — *May 2025 - Sep 2025*

PROJECTS

- **Simple Calculator – Web-Based Arithmetic Calculator**: Built a responsive and interactive calculator web app using HTML, CSS, and JavaScript. Supports basic arithmetic operations such as addition, subtraction, multiplication, and division with real-time result display. Designed a clean UI with clickable buttons and implemented logic using JavaScript event handling and DOM manipulation. Ensures smooth user experience with input validation and error handling for operations like divide by zero. **Tech: HTML, CSS, JavaScript**

- **Age Calculator – Web-Based Age Calculation Tool**: Developed a user-friendly age calculator using HTML, CSS, and JavaScript to compute exact age based on user-input birthdate. The application calculates and displays the age in years, months, and days, with instant result generation. Implemented real-time validation for invalid dates and future dates using JavaScript. Styled the interface with responsive CSS to enhance usability across devices. **Tech: HTML, CSS, JavaScript**

- **Image Slider – Dynamic Image Carousel**: Created an interactive image slider using HTML, CSS, and JavaScript to display a sequence of images with smooth transitions. Features include automatic sliding, manual navigation using next/previous buttons, and indicator dots for quick selection. Utilized CSS animations for transition effects and JavaScript for DOM control and timing functions. Fully responsive design ensures compatibility across various screen sizes and devices. **Tech: HTML, CSS, JavaScript**

- **CardaConnect – Online Cardamom Trading Platform (Ongoing)**: Currently developing a full-stack web platform to streamline the trade of cardamom between vendors and customers. The system supports vendor stock uploads, customer orders, transport cost tracking, and admin-side profit/expense reports. Includes role-based login for admin, vendor, and customer with a MySQL backend using `DECIMAL(10,2)` precision for financial data. Built using Java Servlets and JSP, with a responsive frontend in HTML and CSS. **Tech: Java Servlets, MySQL, HTML, CSS**

- **PlaceMate – College Placement Appointment Management System(Ongoing)**: Designed and implemented a Java-based web application to manage student appointment scheduling for campus placements. The system allows students to book slots with details like name, phone number, company (e.g., TCS, Infosys, IBM), preferred day, and time. Appointment manager can reschedule slots as per student requests. Upon booking, a unique token number and printed receipt is generated. Admin interface provides real-time appointment listings with update/edit capability. Developed using JSP and Servlets with a normalized MySQL database for student and appointment records. **Tech: Java Servlets, JSP, MySQL, HTML, CSS**

- **AI-Assisted Telemedicine for Rural India**: Developed a web-based AI-powered telemedicine platform to provide healthcare access to rural India. Implemented machine learning models for preliminary diagnosis and patient triaging. Built a responsive frontend using HTML, CSS, and JavaScript, while the backend was powered by Python frameworks for handling consultations, patient records, and doctor interactions. **Tech: Python, Flask, scikit-learn, JavaScript, HTML, CSS**

EDUCATION

- **College of engineering Aranmula** — Pathanamthitta,Kerala
  Bachelor's Degree - Btech Computer Science — *November 2021 - April 2025*
  Courses: *Java, Python, Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Databases*

VOLUNTEER EXPERIENCE

- **NSS Volunteer at NSS Unit 618 (KTU Care)** — Kerala, India
  Volunteered in 2nd and 3rd year, contributing to community welfare and campus activities. — *2022 – 2024*
- **Coordinator, Speed Typing Event – Darpan2k23 Tech Fest** — Kerala, India
  Managed and conducted a competitive typing event as part of the college tech fest. — *2023*

LANGUAGES

- English
- Malayalam
- Hindi

MEMBERSHIP

- GTECH
- IEDC
- IETE
- IEEE
- NSS
- JUNIOR RED CROSS