

# FAYOLA MENEZES

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Versatile Web Developer proficient in JavaScript, ReactJS, Node.js, and Next.js, with hands-on experience building responsive, user-focused full-stack applications. Proven ability to lead teams, deploy scalable solutions, and deliver real-world projects from concept to launch. Known for writing clean, maintainable code, optimizing performance, and enhancing UX through thoughtful design and testing.

## EDUCATION

Fr. Conceicao Rodrigues College of Engineering, Mumbai

Graduating 2026

**Bachelor of Engineering (B.E.) in Computer Engineering, with Honors in Data Science**

CGPA: 8.0/10

Relevant Coursework: Internet Programming, Software Engineering, Python, Java, Object-Oriented Programming, Data Structures, Analysis of Algorithms, Cryptography & System Security, System Programming & Compiler Construction, Mobile Computing, Artificial Intelligence, Data Warehousing and Mining

## TECHNICAL SKILLS

Languages: JavaScript, HTML5, CSS3, Python, C++, TypeScript, PHP, XML

Frameworks & Libraries: React.js, Next.js, Node.js

Databases: Firebase, PostgreSQL

Tools & Platforms: Git, GitHub, AWS, Vercel, Figma, WordPress

Concepts: AJAX, RESTful APIs, Responsive Design, Agile

## WORK EXPERIENCE

**Web Development Intern - ApexPlanet Software Pvt. Ltd.**

May 2025

- Developed and styled responsive multi-page websites using HTML5, CSS3, and JavaScript.
- Built dynamic UI components and integrated client-side form validation to enhance user experience.
- Contributed to reducing page load time by ~30% through image optimization and code refactoring.
- Collaborated in an Agile environment using Git for version control.

**Organizing Committee Member – Crescendo Hackathon, Euphoria Fest**

2023 - 2024

- Led PR and digital marketing strategy, increasing participant registrations by 50% and engagement by 60%.
- Managed a 2-stage competition with 500+ participants and ₹1 Lakh prize pool.
- Oversaw logistics and team coordination, ensuring a seamless 24-hour event.

## PROJECTS

**IntelliStep - A Smart Stick For The Blind** ([Youtube](#))

- Built a smart assistive device using ultrasonic sensors and ESP32-CAM to detect and classify obstacles via YOLOv5.
- Delivered real-time audio alerts to users through a Bluetooth module, improving navigation safety.
- Integrated a Neo-6M GPS module for continuous location tracking and situational awareness.

**Recipe and Meal Planner Web Application (React)** ([Link](#))

- Built a React app for managing recipes, weekly meal planning, and grocery lists with localStorage persistence.
- Enabled recipe CRUD with image upload, filtering, and search.
- Designed meal planner for daily meals and grocery list generation with print and export features.

## CERTIFICATIONS

AWS Academy Graduate - Cloud Architecting ([Badge](#))

Microservices and CI/CD Pipeline Builder - AWS ([Badge](#))

Cloud Web Application Builder - AWS ([Badge](#))