Adarsh P

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Summary

MCA graduate with **full stack development** skills, experience in building robust and responsive web applications using modern technologies such as **React** and **Django**.

Education

Cochin University of Science and Technology   Jul 2023 – Jul 2025
Master of Computer Applications (MCA)
GPA: 8.8/10.0

Mahatma Gandhi University   Jul 2020 – Jul 2023
Bachelor of Computer Applications (BCA)
GPA: 7.6/10.0

Experience

Python Developer Intern, MGUIF – Kerala, India   Sep 2025 – Present

- Executed and delivered Python development tasks within Redmine-defined timelines.
- Engineered scalable web functionalities and resolved bugs in a real-world project in two-week sprint cycles.
- Optimized mobile responsiveness, delivering 40% improved user experience across all device platforms.

Backend Developer Intern, QVerse – Kerala, India   Jun 2025 – Sept 2025

- Delivered assigned tasks consistently within sprint timelines, ensuring smooth project progress.
- Activities effectively managed and tracked project using **Jira**, supporting agile sprint execution.
- Assisted with **AWS EC2** tasks, including software installation and secure key storage.
- Maintained and organised the **GitLab** repository, adhering to project standards and collaboration practices.

Projects

Weather and Health-Aware Playground System   github.com/smartplayground

- Integrates **Google Fit API** and **Random Forest ML** algorithm to offer personalised health status predictions.
- Use **OpenWeatherMap** and **OpenUV** APIs for real-time weather and UV index-based activity recommendations.
- Tools used: Django, React.js, PostgreSQL, Scikit-learn

Emotion-Based Music Recommendation System   github.com/FaceBeat

- Designed and implemented a music recommendation system driven by emotion detection from facial expressions and text input.
- Achieved **65%** accuracy in emotion detection using **CNN** models
- Tools used: Django, HTML, CSS, TensorFlow, Hugging Face

Personal Portfolio   github.com/Portfolio

- Developed a personal portfolio website using **React**, showcasing projects, skills, and achievements with a responsive and user-friendly design.
- Tools used: React.js

Technologies

Languages: Python, Java, SQL, HTML, CSS, JavaScript
Libraries/Frameworks: Django REST framework, React.js, Pandas, TensorFlow, Scikit-learn, Spring Boot.
Tools/Services: Git, GitHub, GitLab, Postman, Jira, Redmine.

Certifications

- **Complete Python Bootcamp (Udemy, 2023)** - Mastered OOP and Libraries.
- **AWS Cloud Technical Essentials (Coursera,2025)** - AWS and its services.
- **Git and GitHub workshop (No-Time,2024)** - Understand GitHub and its usage.
- **Responsive Web Design (freeCodeCamp,2024)** - Acquire knowledge of HTML and CSS styling.

Volunteering

- **TinkerHub** - Served as a mentor at TinkerHerHack 3.0 hackathon held at CEMP Alappuzha.
- **CUCEK Alappuzha** - Organised and mentored at the Algorithm'2025 Tech Fest.
- **Git and GitHub workshop (No-Time,2024)** - Understand GitHub and its usage.
- **National Service Scheme** - Volunteer for the academic year 2023-2025.

Languages

- **English (Fluent)**
- **Malayalam (Native)**
- **Hindi (Intermediate)**