






PATAN MOHAMMAD ABDUL MUHE

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SUMMARY

Full Stack Developer with 6+ months of experience in Django, ReactJS, REST APIs, and SQL. Skilled in building scalable web apps and collaborating in Agile teams to improve performance and delivery speed.

EDUCATION

2021 - 2025	Bachelor's Degree at VIT VELLORE	(GPA: 8.2/10.0)
2019-2021	Class 12th at Jupiter Junior College	(Percentage: 95.6/100)
2019	Class 10th at St. Joseph's High School	(GPA: 9.7/10.0)

SKILLS

Coursework	Data Structures & Algorithms, OOP, DBMS, Information Security, Operating System
Web Development	HTML, CSS, JavaScript, ReactJS, Django, Flask, FastAPI
Databases	MySQL, PostgreSQL, SQLite
Languages	Python, Java, C++
Tools	VS Code, PyCharm, Postman, Git, GitHub, GitHub Actions, Figma
Soft Skills	Communication, Cross-functional collaboration, Strategic decision-making, Conflict resolution

WORK EXPERIENCE

PYTHON FULL STACK DEVELOPER INTERN, HAMOTECH*Feb 2024 – Present*

- Engineered a full-stack **Learning Relationship Management (LRM)** system using **Django** and **ReactJS**, enabling secure role-based access for over 500+ student records and academic operations.
- Designed a feature-rich **Admin Dashboard** with real-time visual insights using **Chart.js**, **AJAX**, and **REST APIs**, improving decision-making efficiency by 40%.
- Deployed a scalable **Task Management System** using **Django REST Framework**, automating task flows and reducing manual effort by 50%.
- Built a weather-based web application leveraging a custom **API server** and browser geolocation to deliver accurate weather data with 95% precision.
- Integrated asynchronous API handling for geolocation-based weather data, reducing response time by 60% and improving UX.

FRONTEND DEVELOPER INTERN, HAMOTECH*Sep 2024 – Nov 2024*

- Constructed a responsive user interface for **Iron Cloud Computing** using **HTML**, **CSS**, and **JavaScript**, ensuring 100% mobile and browser compatibility.
- Assembled the frontend of a **Carbon Credit Monitoring Platform** using **ReactJS**, integrating REST API services and cutting dashboard update time by 50%.

PROJECTS AND CERTIFICATIONS

Veriduce – Carbon Credit Platform - ReactJS, Chart.js, REST APIs*Github*

- Launched a carbon credit dashboard used by 1,000+ users, improving sustainability reporting accuracy by 50%.
- Integrated RESTful APIs for frontend-backend sync, achieving 99.99% uptime and faster data flow.

AWS Solutions Architect Associate Certification

- Designed scalable, fault-tolerant AWS cloud infrastructures using EC2, S3, Lambda, IAM, and Route53; validated through official certification.
- Boosted deployment reliability by simulating failover environments and achieving 99.9% uptime via automated recovery strategies.

Fake News Detection using Machine Learning - Python, NLP, TF-IDF, Logistic Regression*Github*

- Developed a classification model trained on 20,000+ news samples, reaching 91% accuracy using TF-IDF vectorization and logistic regression.
- Enhanced prediction quality by 18% through advanced NLP preprocessing, including stop-word removal, stemming, and token filtering.

EXTRACURRICULAR ACTIVITIES

- Coordinated 8+ technical and cultural events across **VIT**, **VITMAS**, and **SAHITHI**, increasing student engagement by 35%.
- Mentored 10 juniors as **School People Leader**, improving weekly participation in activities by 50%.