

ABIN C J
FULL STACK DEVELOPER
Chennai, India

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PROFILE

Highly motivated Python Full Stack Developer with 6 months of hands-on experience in developing web applications using Python, Django, and React.js. Skilled in building efficient, scalable, and user-centric solutions. Adept at working in dynamic environments and collaborating with cross-functional teams. Eager to contribute technical expertise to drive impactful business outcomes.

EXPERIENCE

Software Developer Trainee – Django Full Stack Developer

Tinos Software & Security Solutions LLP
Kochi, India

2025

Learning Management System (LMS) – Virtual College Platform

Participated in building a full-featured Learning Management System to serve as a virtual college platform, targeting educational institutions and online learning environments.

- Contributed to 50% of the overall project including backend and frontend tasks.
- Developed using the Django framework with Bootstrap, HTML, CSS, and JavaScript for a responsive and user-friendly interface.
- Implemented Role-Based Access Control (RBAC) with five distinct roles: Admin, Student, Teacher, Guest Teacher, and Parent. Each role had permission-based access to features, ensuring secure and controlled system usage.
- Built dynamic interfaces and dashboards tailored to each user role and restricted unauthorized access to modules unless permissions were granted by the Admin.
- Ensured modular code structure and contributed to debugging, UI adjustments, and functionality testing.

Thaara Ai Chatbot Assistant for Document Query & Voice Response

Played a key role in designing and implementing a smart chatbot system for internal use, helping users query documents and receive spoken responses.

- Designed the chatbot frontend in HTML, CSS, and JavaScript, and connected it with Django-powered backend logic.
- Implemented text-based search functionality across PDFs and DOC files using pdf2txt and doc2txt Python libraries.
- Converted user queries into search instructions, retrieved matching content, and generated dynamic responses.
- Used JavaScript to integrate text-to-speech output, enabling voice-based delivery of chatbot answers.
- Deployed the complete project on Render, leveraging Gunicorn as a WSGI HTTP server to ensure production-grade performance and reliability.

PROJECTS

Nexus CRM – A Customer Relationship Management Platform for Banking Sales Executives 2025

Live
GitHub

Nexus CRM is a robust Customer Relationship Management platform designed to streamline business interactions, enhance customer engagement, and boost productivity. It offers core CRM features such as lead tracking, contact management, deal pipelines, and activity logging in a user-friendly interface.

- Frontend: Built a clean, responsive interface using **HTML, CSS, Bootstrap, and JavaScript**.
- Backend: Developed with **Python Django framework** following the MVT architecture. Used Django ORM and PostgreSQL for database operations.
- Authentication: Implemented secure user authentication and email verification.
- Deployment: Hosted on Render using Gunicorn.

Cretal is an advanced e-commerce platform tailored for sports gear enthusiasts. It delivers a seamless and secure online shopping experience. The platform supports essential e-commerce functionalities, including product listing, cart management, order processing, and wish lists.

- Frontend: Responsive design with **HTML, CSS, Bootstrap, JavaScript**.
- Backend: Built with Django using MVT architecture and PostgreSQL.
- Integrated PayPal for payments and email verification for authentication.
- Hosted on Render using Gunicorn.

MINI PROJECTS

BMI Calculator 2024

GitHub

A React-based BMI Calculator using React Hooks ('useState'). Allows users to input weight and height, and calculates BMI dynamically.

Hospital Management System 2024

GitHub

A Python Django web app for hospital record management. Features include user authentication and CRUD functionality for patients and doctors.

TO-DO APP 2024

GitHub

Task management app built in React with Hooks. Users can add, edit, and delete tasks in a clean UI.

EDUCATION

Python Full-Stack Development

03 jan 2024 – 14 aug 2024

Futuro IT Solutions

Kochi, India

Python django Development

15 sep 2022 – 19 dec 2022

Specturum Softtec solutions pvt.ltd

Kochi, India

B.Com in Finance and Taxation

09/2017 – 03/2020

St. Xavier's College Vaikom

Kottayam, India

TOOLS AND TECHNOLOGIES

- **Programming Languages:** Python, JavaScript, SQL, HTML, CSS
- **Frameworks and Libraries:** Django, Bootstrap, React.js
- **Database Management:** MySQL, PostgreSQL, MongoDB, SQLite
- **Version Control:** Git, GitHub
- **Development Tools:** VS Code, PyCharm, Postman
- **Other Skills:** Problem Solving, Communication, Team Collaboration

SKILLS

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|----------|------------------|--------------|--------------------|
| • Python | • React.JS | • HTML & CSS | • PostgreSQL |
| • Django | • REST Framework | • Bootstrap | • MVT Architecture |
| • ORM | • GIT | • MongoDB | • OOPS |

INTERESTS

- Frontend Development & Backend Development
- Code Review & Responsive Web Designing
- Testing & Debugging