ABIN C JOSEPH

FULL STACK DEVELOPER
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PROFILE

Highly motivated Python Full Stack Developer with 4 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   2025
Kochi, India

Actively contributed to the development of two major internal projects—a full-featured Learning Management System (LMS) and a document-based chatbot assistant—as part of the training program. Focused on full-stack development using Django, with hands-on experience in backend logic, user role management, frontend integration, and file-processing tools.

- a virtual college platform supporting five distinct user roles: Admin, Student, leture, Guest leture, and Parent. **Implemented role-based access control** where only Admin-assigned permissions allowed users to access specific functionalities.
- Developed backend modules using the **Django framework**, while building responsive frontend pages with **HTML, CSS, JavaScript, and Bootstrap** to deliver a user-friendly experience for all roles.
- Participated in the development of an **AI-inspired chatbot** to support users in querying documents and site content. The system used JavaScript for **text-to-speech** output and Django's **pdf2txt and doc2txt** utilities for PDF and DOC file parsing.
- Integrated the **chatbot backend and frontend,** enabling the system to accept user input, scan documents, and provide **audible and textual responses** in real time—enhancing accessibility and user support.
- Contributed approximately **50% to the LMS project and 50% to chatbot project**, engaging in end-to-end development, debugging, deployment support, and UI/UX collaboration. Also assisted junior developers and contributed to the refinement of project modules through regular team code reviews.
- Gained practical experience working on real-world systems, collaborating with other trainees and developers, and following best practices in full-stack development, debugging, and UI integration.

PROJECTS

Nexus CRM A Customer Relationship Management platform for Banking sales Exicutive **2025**   GIT

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** to ensure a seamless user experience across all devices.
- Backend: Developed with **Python Django framework following the MVT architecture**. Utilized Django ORM for efficient database interaction and PostgreSQL for scalable data storage.
- Authentication: Secured the platform with user authentication and **email verification** for account activation.
- Technologies Used: Django Framework, Django ORM, PostgreSQL, HTML, CSS, Bootstrap, JavaScript.
- Deployment: Hosted on Render using Gunicorn for production-level performance and reliability.

Cretal an E-commerce Platform for Sports Gear **2024**   GIT

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, Created a responsive and intuitive frontend using **HTML, CSS, Bootstrap, and JavaScript.**
- Backend Developed using Python Django framework, following MVT architecture and ORM queries. Utilized **PostgreSQL for efficient and reliable database management.**
- Implemented authentication with email verification. Integrated **Paypal for seamless payment**.
- Technologies Used Django Framework, Django ORM, PostgreSQL, HTML, CSS, Bootstrap, JavaScript.
- Hosted on **Render using Gunicorn for production-level performance and reliability.**

MINI PROJECT

BMI Calculator 2024   GIT
A React-based BMI Calculator built using the useState hook for managing user input and results dynamically. The app allows users to enter their weight and height, calculates their Body Mass Index

Hospital Management System 2024   GIT
A web application built with Python, Django, Bootstrap, and CSS for managing patients and doctors. It includes secure user authentication and CRUD operations, aiming to streamline hospital tasks and improve patient care through a clean and easy-to-use interface.

TO-DO APP 2024   GIT
Seamlessly organize your daily tasks with style and simplicity. Crafted with **React**, leveraging the use of React Hooks and popular React libraries. The application allows users to easily add, edit, and remove their tasks, providing an intuitive and efficient task management experience.

SKILLS

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

Education

Python Full-Stack Development   01/2024 – 08/2024
Futuro It Solutions   *Kochi, India*

B.Com in Finance and Taxation   09/2017 – 03/2020
St. Xavier's College Vaikom   *Kottayam, India*

Technical Skills

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

Interests

Frontend Development

Code Review

Backend Development

Responsive Web Designing

Testing

Debugging