

Joseph Liyon PT

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Skills

Languages: C, Java, Python, JavaScript, TypeScript, SQL, HTML, CSS

Technologies & Tools: AWS, Firebase, MongoDB, ReactJS, NodeJS, Django, Material UI, Vercel, Postman API

Work Experience

Palarivattom, Kochi

June 2024 – July 2024

Python Full Stack Development Intern

- Developed a comprehensive To-Do application using Django, incorporating full CRUD (Create, Read, Update, Delete) functionality.
- Implemented user authentication and authorization to ensure secure access and data management.
- Worked with front-end technologies including HTML, CSS, and JavaScript to create a responsive and user-friendly interface.
- Collaborated with a team to follow agile methodologies and ensure timely delivery of project milestones.
- Gained hands-on experience with database management and RESTful API development.

Education

Sree Narayana Gurukulam College of Engineering, Kadayirippu

Oct 2022 – Present

Btech in Computer Science and Engineering

CGPA:8.2/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

- **Mini Social Media** : Developed a mini social media platform featuring user posts, comments, and likes. Utilized MongoDB for efficient data storage and JWT tokens for secure user authentication and authorization. Integrated Cloudinary for seamless image uploads and managed media content. Styled the application using Tailwind CSS for a modern and responsive design. Built and consumed RESTful APIs with Node.js and Express.js to handle user interactions and data retrieval, ensuring a smooth and dynamic user experience with React on the front end.
- **KTU Alternate Result page** : Developed a KTU Result Webpage to fetch and display student results from the KTU official website using their API. Built the front end with React and styled it using Chakra UI for a clean, modern look. Implemented server-side logic with Node.js and Express to handle API requests and data processing. Ensured a responsive and user-friendly interface, providing an efficient way for students to view their results.
- **To-Do App**: Created a to-do application with full CRUD functionality using Django. Implemented user authentication and authorization to secure data and manage tasks efficiently. Designed a responsive and user-friendly interface with HTML, CSS, and Bootstrap. Managed database operations using Django's ORM and ensured high code quality through thorough testing and debugging. Developed RESTful APIs to handle task management and user interactions, providing a seamless user experience.

Awards and Certificates

- **Web Development Bootcamp** on Udemy
- **Python Full Stack (Django)** Intern on **Fututo IT Solutions, Palarivattom, Kochi**
- Runner-up of Fugeniz Hackathon