

Joseph Liyon PT

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Skills

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

Frameworks & Tools: MongoDB, ReactJS, NodeJS, Django, JWT, 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.

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

- **CloudSpace:** Developed an intelligent multicloud backup system that automatically saves important files to Mega, Cloudinary, and Dropbox based on user preferences. Created an ElectronJS desktop app that monitors file changes and uses Gemini API to assess file importance. Built with NodeJS/ExpressJS backend and a user-friendly dashboard for monitoring and managing backups.
- **Scraparena:** Built a web application that scrapes and displays mobile device specifications from GSM Arena. Demonstrated proficiency in web scraping techniques, data parsing, and presenting structured information in an accessible interface.
- **Fugeniz11 Official Website:** Designed the official website for SNGCE's technical festival using ReactJS and Tailwind CSS. Created a responsive platform with smooth animations and optimized loading times to effectively communicate event details and facilitate registration processes.
- **KTU Alternate Result Page:** Created an alternate result portal that fetches and displays student academic results from Kerala Technological University's API. Built with React and Tailwind CSS for the frontend, and Node.js/Express for backend processing. Provides students with a responsive, user-friendly interface to access examination results.
- **Student Management System:** Developed a Student Management System using the MERN stack for a database course project. Implemented CRUD functionality for managing student records, course enrollments, and academic performance. Designed database schemas with complex relationships demonstrating practical knowledge of data modeling concepts.

Awards and Certificates

- Web Development Bootcamp on Udemy
- **Python Full Stack (Django) Intern** on Fututo IT Solutions, Palarivattom, Kochi
- **Runner-up** of Fugeniz Hackathon 2023-24
- **First Price** in Hackathon 2024-25
- Responsive Web Design Certification on FreeCodeCamp

