



Muhammed Rashal M

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FULL STACK DEVELOPER

I am a CS graduate and have about one year of experience, am a creative and technically Both Front-end and Back-end with experience in building dynamic web apps using Reactjs, Nextjs, GraphQL and CSS frameworks such as Bootstrap and Tailwind, combined with advanced skill both back-end frameworks such as Django and Node.js. And Skilled in relational (MySQL) and NoSQL (MongoDB) databases. Expert Python & JavaScript developer with in-depth knowledge of Time and Space complexity and algorithm optimization. I'm eager to learn and adapt to new technologies, as well as experimenting with the Threejs in my tasks to create dynamic 3DWeb platform. Additionally, I possess proficiency in industry-leading creative software, including Figma ,Blender and Adobe software.

TECHNICAL SKILLS

Programming Languages | Python • JavaScript

Frontend | HTML • JavaScript • Bootstrap • Tailwind • React • ThreeJS

Backend | Django • NodeJS • Express • REST API • Flask • JWT Token

Databases | MySQL • MongoDB

Version Control and IDEs | Git • VS Code • PyCharm

Design and Prototype | Figma • Blender • Adobe Softwares

EDUCATION

- BSc Computer Science (2024 Pass Out Batch, SGPA last Sem:7.3, CGPA:5.5)

Hold a BSc in Computer Science from University of Calicut, focusing on computer systems, software development, data structures, and algorithms. Gained proficiency in programming with JavaScript, Python, and C++, and built scalable web applications, developing strong problem-solving, analytical, and communication skills. Additionally, self-learned and developed a final year project using Django

COURSES

Developing Back-End Apps with Node.js and Express Coursera |

IBM

EXPERIENCE

Software Developer

03/24 | Present

SMEC Labs

- Developed full-stack applications leveraging JavaScript, Node, React, Express
- Enhanced data management and user interface functionalities to improve application efficiency.
- Having knowledge in JavaScript data structures and algorithms means you are familiar with the fundamental concepts and techniques used to organize and manipulate data efficiently in language and Proficient in handling application data with precision using MongoDB and Mysql
- Collaborative developer with Git expertise and strong backend skills.

PROJECTS

BLOCKCHAIN PROJECTS | [GITHUB](#) | NodeJS

- I have developed my own blockchain concept using Node.js.
 - The core idea revolves around the creation of a blockchain where each block is represented by a hash key, which is derived from the contents of the block itself
 - The validation function plays a critical role in maintaining the blockchain's security.
- JavaScript | NodeJS | Express

COURSE MANAGEMENT ENROLL | DOCUMENT ACCESS | DJANGO | [GITHUB](#)

NAME : CampusPlus

It comprises a comprehensive college website strategically designed to improve the learning experience through three key aspects: Add-On Course Registration, Study Materials, and Program Information.

REST API

Python : CampusPlus course management backend architecture is built using Python, leveraging the Django framework for rapid development, scalability, and robustness.

CSS (Cascading Style Sheets) : CSS is employed to enhance the visual appeal of CampusPlus course management interface, ensuring consistency in design elements and layout across the website.

JavaScript : JavaScript enhances user interaction on CampusPlus course management platform, facilitating dynamic features such as product sliders, interactive menus, and real-time validation to optimize the user experience.

Bootstrap : The frontend of CampusPlus course management is developed using Bootstrap, a responsive web design framework, ensuring compatibility across devices and providing a consistent user experience.

Figma : Figma serves as the design tool of choice for CampusPlus course management, enabling collaborative design processes, wireframing, and prototyping to create visually appealing and user-friendly interfaces

React + ThreeJs <https://github.com/rashal5/TEST-Threejs>

ACHIEVEMENTS &WORKS

JEE (Mains) 2020 81.57% | NTA

Hackathons HachCEC | IEDC

INTERESTS

Travelling • Fitness • Nutrition

• Self-improvement • Trading

<https://github.com/rashal5>

<https://www.linkedin.com/in/rashal5>