

CHRISTOPHER JOSHY

Full-Stack Developer

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LinkedIn

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EDUCATION

B.Tech

Computer Science Engineering

St. Joseph's College of Engineering and Technology, Palai

2022 - Present

SKILLS

- JavaScript/HTML/CSS
- React.js
- Node.js
- Java
- Python
- Three.js
- Firebase
- Git/GitHub
- Prompt Engineering

CAREER OBJECTIVE

Passionate full-stack developer with expertise in web technologies, AI integration, and 3D visualization. Proven ability to design and develop educational platforms and adaptive learning applications. Seeking to leverage technical skills and creativity in a challenging developer role that values innovation.

PROJECTS

MaestraMind: AI-Powered Adaptive Learning App

Lead Developer

November 2024 - Present

- Developed a solo adaptive learning web application that analyzes user-uploaded notes to generate personalized curricula.
- Implemented Google's Gemini API for intelligent note analysis and content generation.
- Created an intuitive user interface with personalized learning paths and real-time progress tracking.
- Built features for AI-generated summaries, flashcards, and quizzes based on uploaded content.
- Integrated Firebase for authentication, data storage, and user profile management.

KKNotes: Educational Resource Platform

Full-Stack Developer

June 2023 - October 2024

- Created a comprehensive study resource platform for KTU Computer Science Engineering students.
- Designed and implemented a responsive UI with intuitive navigation for accessing educational materials.
- Developed a system for organizing and presenting high-quality notes and curated video tutorials.
- Implemented content categorization and search functionality to improve resource discoverability.
- Optimized the platform for multiple devices, resulting in **increased mobile user engagement by 35%**.

TECHNICAL COMPETENCIES

- **Frontend Development:** Proficient in React.js, HTML5, CSS3, and JavaScript ES6+, creating responsive and interactive user interfaces.
- **Backend Development:** Experience with Node.js, Express, and Firebase for building scalable server-side applications.
- **AI Integration:** Skilled in implementing AI services (Google Gemini API) into web applications for enhanced functionality.
- **3D Visualization:** Experience with Three.js for creating interactive 3D graphics and animations on the web.

- **Prompt Engineering:** Expertise with AI models like Claude, GPT, and Grok for generating high-quality content and responses.
- **Version Control:** Proficient with Git and GitHub for collaboration and code management.

HOBBIES

- Building web applications and tools
- Exploring new technologies and programming languages
- Contributing to open-source projects
- Creating educational content for fellow developers