

Eabel John

Software Engineer

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PROFESSIONAL EXPERIENCE

Full Stack Developer, *FutureIK Technologies*

06/2025

Kochi, Kerala, India

- Develop and maintain responsive web applications using Next.js, TailwindCSS, Javascript, NodeJs, Mongoddb.
- Integrated internationalization (i18n) to support multiple languages across the web application.
- Performed code refactoring to improve maintainability, performance, and scalability.
- Independently designed and implemented the “Virtual Proof” , "proof of play" feature, handling end-to-end development including logic, API integration, and React-based feature implementation.
- Implemented socket authentication.
- Utilized Postman for API testing and collaborated through GitHub for version control and code reviews.

EDUCATION

BTech-Computer Science, *College Of Engineering, Adoor*

10/2021 – 04/2025

Adoor, Kerala, India

SKILLS

- | | |
|--------------|---------------|
| • Javascript | • GitHub |
| • NodeJs | • MongoDB |
| • Python | • NextJs |
| • Ai,ML | • Tailwindcss |
| • Mysql | • express |
| • React | • Postman |

PROJECTS

Inbox (Cloud File Management System)

- Developed a full-stack cloud-based file management system enabling users to securely upload, organize, preview, rename, download, and delete files.
- Implemented JWT-based authentication and authorization, ensuring secure user sessions and protected API endpoints.
- Integrated Cloudinary for scalable cloud storage, enabling optimized media uploads, previews, and downloads.
- Implemented lazy loading, and optimized API queries, significantly reducing page load time and improving frontend responsiveness.
- Integrated hooks to manage API calls, loading states, and real-time UI updates efficiently.
- Implemented brute-force attack prevention mechanisms to enhance application security.
- Designed RESTful APIs using Node.js and Express.js, with efficient data handling through MongoDB aggregation pipelines.
- Optimized backend performance using indexed database queries

Git Auto Tool

- Developed a Git automation CLI tool to streamline branch management, commits, pushes, PR workflows and merge.
- Reduced repetitive command usage by automating common Git operations for faster developer productivity.
- Published the tool as an npm package (git-autotool) for easy installation and widespread usability.
- Implemented an interactive merge-assistant that identifies conflict files, opens them directly in VS Code, and guides the user step-by-step until the merge is successfully completed.
- Integrated robust error handling, GitHub authentication checks, and remote branch synchronization logic for reliability.
- Tech Stack: Node.js, Inquirer, Chalk, Commander, Octokit, and GitHub API integration.

ACHIEVEMENTS

Mulearn FullStack Developer Certificate.

Red Team - Security in computaion Certificate

Ai-ML certificate