ABDULLAH

Computer Science Undergraduate

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Summary

Motivated Computer Science undergraduate with practical Full-Stack development experience. Specializes in building responsive, user-centric web applications using both the MERN stack (MongoDB, Express, React, Node.js) and LAMP stack (Linux, Apache, MySQL, PHP). Adept at utilizing AI-assisted tools to accelerate development cycles, ensure clean code architectures, and optimize performance. Passionate about solving complex problems through scalable backend solutions and intuitive frontend designs.

Technical Skills

Languages & Core: JavaScript (ES6+), PHP, HTML5, CSS3
Frameworks & Libraries: React.js, Node.js, Express.js
Databases: MongoDB (NoSQL), MySQL (Relational), XAMPP Environment
Tools & Concepts: Git, GitHub, PWA Development, Component-based Architecture, Responsive Web Design, UI/UX Modification, AI-Assisted Development, Technical Research Debugging

Professional Experience

Full-Stack Developer   **Oct 2023 – Dec 2023**
Freelance / Self-Employed   *Remote*

- Engineered responsive web applications by integrating modern Frontend technologies (React.js) with robust Backend systems (Node.js/PHP).
- Successfully designed and implemented efficient CRUD operations and scalable database schemas using both NoSQL (MongoDB) and SQL (MySQL) databases.
- Leveraged AI-assisted coding tools to accelerate development cycles by 30% while manually auditing code to ensure performance, security, and maintainability.
- Demonstrated strong problem-solving skills by researching complex bugs via developer communities (Stack Overflow, GitHub Issues) and implementing effective fixes.
- Ensured cross-platform compatibility by focusing on mobile-first design principles and utilizing modern CSS frameworks.

Projects

FUEL TRACKER | *React.js, MongoDB, Node.js, PWA*

- Developed a Progressive Web App (PWA) to track vehicle fuel consumption and analyze efficiency trends.
- Implemented MongoDB as a scalable backend database to securely store and retrieve real-time user data.
- Configured service workers to enable robust offline functionality, providing a seamless mobile experience even without network connectivity.
- Utilized technical research to implement dynamic charting libraries for insightful data visualization.
- Live Link: fuel-tracker | GitHub: fuel-tracker-github-repo

Foodies hub (food panda clone) | *PHP, MySQL, XAMPP, HTML/CSS*

- Built a comprehensive full-stack food delivery clone app to manage restaurant listings and incoming orders.
- Designed composite relational database schemas in MySQL to handle complex relationships between user accounts, menu items, and order history.
- Developed a functional shopping cart and secure checkout system with real-time total calculations using server-side PHP processing.
- GitHub: foodes-hub(foodpanda-clone)-github-repo

Daily Expense Tracker | *React.js, Node.js, Modern UI Library*

- Built a smart expense management application that helps users track daily spending with categorization features.
- Implemented detailed analytics dashboards for budget monitoring using modern tech stack for smooth performance.
- Live Link: daily-expense-tracker | GitHub: daily-expense-tracker-github-repo

Education

Superior University (Gold Campus)   **Lahore, Pakistan**
Bachelor of Science in Computer Science   *2023 – Present*
Punjab Group of College (City Campus)   **Lahore, Pakistan**
ICS (Physics)   *2021 – 2023*