Abdullah Tahir

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EDUCATION

FAST NUCES   Lahore, Pakistan
Bachelor in Computer Science   *Aug 2021 – July 2025*

Punjab College   Gujranwala, Pakistan
FSc. Pre-Engineering   *Aug. 2019 – April 2021*

EXPERIENCE

Associate Software Engineer   May 2024 – Present
Bitpix Soft   *Lahore, Pakistan*

- Developing and maintaining full-stack web applications using the MERN (MongoDB, Express.js, React, Node.js) stack, focusing scalable, and efficient solutions.
- Collaborating with cross-functional teams including designers, product managers, and other developers to create seamless and user-friendly applications.
- Implementing RESTful APIs and integrating them with front-end interfaces to ensure smooth and efficient data flow across the system.
- Conducting code reviews, debugging, and performance optimization to enhance application quality and efficiency.
- Staying updated with the latest trends and technologies in web development to continuously improve skills and apply best practices in projects.

MERN Stack Intern   June 2023 – August 2023
TIERS Limited   *Lahore*

- Learned React, Node, Express, MySQL, MongoDB, and more. Adeptly developed dynamic interfaces, scalable server-side applications
- Developed a full-stack web application using React, Node Js, Express Js and MySQL database
- Explored ways to visualize GitHub collaboration in a classroom setting

PROJECTS

Enterprise Resource Planner | *React JS, Express JS, Node JS, MySQL*   March 2024 – May 2014

* Enhanced Resource Management: Developed a comprehensive ERP system to streamline resource management, reducing operational costs and saving time.
* Stock and Procurement Optimization: Implemented features for real-time inventory visibility, intelligent forecasting, efficient reorder points, and simplified procurement processes.
* Quality Control Integration: Ensured high product standards through integrated quality checks throughout the production process.
* Role-Specific Functionality: Designed interfaces and workflows tailored for Managers, Admins, and Quality Analysts to enhance operational efficiency and accountability.

Banker. | *JavaScript, React Js, Express Js, Node Js, MySQL*   Nov 2023 – Present

* Banker offers detailed information about the bank's services
* Users can easily log in, create accounts, and inquire balances
* Seamless transactional capabilities ensure user-friendly and secure banking
* Comprehensive features cater to a smooth and reliable banking experience

Mirage Hotel | *JavaScript, React Js, Express Js, Node Js, MySQL*   July 2023 – June 2023

* User-friendly frontend with dynamic React.js interfaces.
* Efficient Node.js and Express.js backend for seamless bookings.
* Comprehensive admin portal with MySQL for hotel management.
* Scalable MERN stack ensures performance and reliability for operations.

Social Network Application | *C++, OOP*   November 2022

* Console based Facebook replica application
* Implemented OOP principles using C++

Complain Management System | *C++, OOP, DSA, SDA*   Nov 2023 – Dec 2023

* System allows teachers to register concerns, automates forwarding to departments
* Managers supervise, assign tasks to employees for complaint resolution
* After resolution, managers assess teacher satisfaction for feedback
* Director oversees all complaints for effective resolution and accountability

Ride and Transport Management System | *C++, OOP, DSA*   April 2022 – May 2022

* Console-based system for seamless ride management experience
* Efficiently handles ride registrations, tracking, and updates
* User-friendly interface facilitates easy input and retrieval of information
* Ensures effective ride management within the console environment

TECHNICAL SKILLS

Stack: MERN
Languages: JavaScript, Python, C/C++, SQL (Postgres), Java, HTML/CSS, GraphQL
Frameworks: React, Node.js, Express js, Next js, Flask, FastAPI, WordPress
Libraries: pandas, NumPy, Matplotlib
Developer Tools: Git, MongoDB, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, VM-Ware, Ubuntu, Apollo Sandbox Studio, MySQL