Mosa Beryal

Full Stack Developer | MERN & AWS Expert

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PROFILE

Results-driven Full Stack Developer with 3 years of experience specializing in AWS and the MERN stack (MongoDB, Express, React, Node.js). Skilled in designing and deploying scalable, secure APIs, building efficient backend architectures, and crafting engaging user interfaces. Passionate about leveraging cloud technologies and modern web frameworks to develop innovative, high-performance solutions that enhance business growth and operational efficiency.

PROFESSIONAL EXPERIENCE

En Route Technologies LLC   **Frontend Developer**
Islamabad, Pakistan   *May 2025 – Present*

- Maintaining and optimizing existing web applications for performance and scalability.
- Implementing new features and enhancing user interfaces based on product requirements.
- Identifying and fixing bugs to ensure a smooth and reliable user experience.
- Collaborating with cross-functional teams to deliver high-quality, responsive web solutions.

TNSS Global   **Full Stack Developer**
Peshawar, Pakistan   *Oct 2024 – Jan 2025*

- Architected and maintained scalable backend services using Node.js, Express, MongoDB, and SQL Server.
- Designed, developed, and optimized RESTful APIs for high performance and seamless integration.
- Implemented robust authentication and authorization mechanisms using industry-standard practices.
- Ensured application security through vulnerability assessments, data encryption, and secure coding standards.
- Collaborated with cross-functional teams to define requirements, troubleshoot issues, and deliver quality solutions.

K2x.Tech   **MERN Stack Developer**
Peshawar, Pakistan   *Mar 2023 – Sep 2024*

- Joined as a Frontend Developer and quickly transitioned to a MERN Stack Developer.
- Led projects contributing across frontend, backend, and cloud infrastructure.
- Played a key role in enhancing the company's understanding of software engineering principles.
- Worked on international projects, including EASA (a project management platform in Ukraine).

AntonX   **Frontend Developer**
Peshawar, Pakistan   *Sep 2022 – Jan 2023*

- Gained hands-on experience by working on real projects and collaborating with a team to achieve successful outcomes.
- Enhanced problem-solving, teamwork, and communication skills through active participation in the development process.
- Kept up with industry trends and technologies to ensure efficient and seamless project execution.

PROJECTS

Aviation Emission Data Management System
ReactJS, Tailwind CSS, Node.js, Express, MySQL

- Designed and implemented a comprehensive data management system for the European Aviation Safety Agency (EASA).
- Developed an intuitive React.js interface for monitoring and analyzing aircraft emissions data.
- Built a Node.js backend with secure API integrations and scalable data handling using MySQL.

GENI Hunt
ReactJS, Node.js, Express, MySQL, Sequelize ORM

- Led backend team for job hunting platform with focus on designing robust APIs.
- Mentored junior team members and provided guidance on frontend tasks.
- Ensured seamless integration between frontend and backend components.

Medsoft
ReactJS, Tailwind CSS, ShadCN UI, Node.js, Express, Sequelize ORM

- Collaborated with clients to gather and analyze requirements for a comprehensive Clinic Management System.
- Developed an intuitive admin interface with React.js, enabling efficient data management and streamlined operations.
- Designed backend APIs to manage patient info, consultations, records, imaging exams, and billing.

Project Management Platform (Ukraine)
ReactJS, Tailwind CSS, Node.js, Express, MongoDB

- Contributed extensively to front-end, enhancing UI/UX.
- Supported backend development, ensuring seamless integration and functionality.
- Created Swagger documentation for the API.

DT Route Planner
ReactJS, Node.js, Express, MSSQL Server, Sequelize ORM   *Oct 2024 – Present*

- Developed and maintained backend for managing companies, projects, sites, and payments.
- Integrated backend services with frontend and implemented efficient data exchange APIs.
- Managed database design and ensured data integrity and security.

Salesforce Business Intelligence (SFBI)
Node.js, Express.js, MySQL, Sequelize, DuckDB, AWS EC2, S3

- Built backend to query/process/store data in S3 as Parquet files.
- Used DuckDB for efficient querying, joins, and Row-Level Security.
- Created frontend for managing subscription pricing and setup.
- Ensured secure data segregation and consulted client on best practices.

Vacancies – Job Listing Web App
ReactJS, Redux Toolkit, ShadCN, Tailwind CSS   *May 2025 – Present*

- Implemented new features and improved user workflows with Redux Toolkit.
- Applied caching, lazy loading, and code splitting to improve performance.
- Refactored components for reusability and responsive design.

SKILLS

Languages	JavaScript, TypeScript, HTML, CSS
Frontend	React.js, Next.js, Redux Toolkit, Tailwind CSS, ShadCN UI
Backend	Node.js, Express.js, RESTful APIs, Sequelize ORM
Databases	MongoDB, MySQL, MSSQL Server
Cloud/DevOps	AWS (EC2, S3), Docker, Redis, Linux, Nginx
Tools	Swagger, GitHub, Postman, Figma, DuckDB

EDUCATION

BS Software Engineering   *Sep 2019 – Sep 2023*
Islamia College University, Peshawar, Pakistan

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate** (Amazon Web Services)
- **AWS Cloud Computing**, KP IT Board   Mar 2024 – Jun 2024
- **Cloud Computing**, NAVTTC   Oct 2023 – Dec 2023