Uzair Mustafa

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EDUCATION

Lahore University of Management Sciences   May 2017 – June 2021
Candidate for BS (**Computer Science**) - CGPA/Grade: 3.37

EXPERIENCE

Folio3 - Karachi, Pakistan | *Senior Fullstack Engineer*   July 2023 - Present
- Architected and implemented full-stack features using React and Node.js, creating advanced Elasticsearch queries to optimize search functionality and enhance user experience.
- Led development of payment integration using Stripe and MedusaJS, enabling successful MVP launch with live transaction processing.
- Engineered comprehensive test suite with 120+ unit/integration tests using Jest, reducing production bugs through automated testing
- Implemented CI/CD pipeline with 7 Github Actions workflows for backend architecture, ensuring consistent code quality and deployment
- Delivered complete frontend implementation for AI Guardian project within 3-week deadline, collaborating with QA for robust feature deployment

Folio3 - Karachi, Pakistan | *Software Engineer*   June 2021 - June 2023
- Built real-time data pipelines on AWS using Kinesis and Lambda to process large streams of automobile data, enabling efficient data processing
- Utilized Databricks with pySpark for data parallelization, improving accessibility of 90+ days historical data and reducing download times
- Developed dynamic e-commerce interfaces using Next.js and Google Maps/Search APIs, delivering intuitive location-based shopping experience
- Created internal portal and consumer-facing applications, streamlining CRUD operations for customer database management

Tez Financial Services - Karachi, Pakistan | *Jr. Data Analyst*   Sep 2020 – Jan 2021
- Enhanced core algorithm features, resulting in a **5%** increase in accuracy.
- Performed Data Analytical techniques using python and SQL queries to extract customer behaviour patterns.

ACADEMIC & PERSONAL PROJECTS

Jacksons Food Stores: Built a Next.js/Medusa e-commerce site with Redux/Context API for optimized routing & state along with integrating Google Maps/Search via Tailwind for seamless, location-based shopping.

AgentDesk: Created a multi-agent platform that enabled onboarding multiple AI agents, registering multiple tools to each agent and connecting to MCP clients using MCP servers.

ADDITIONAL SKILLS AND EXPERIENCE

Technical Skills: React.js · TypeScript · Next.js · Tailwind CSS · Redux · Node.js · Python · Express.js · MedusaJS · Firebase · PostgreSQL · Elasticsearch · Redis · AWS (Lambda, Kinesis, S3, EC2) · GitHub Actions/CI & CD · Jest · Postman · pgAdmin · Git
Soft Skills: Client communications · Teamwork ·

HONOURS AND AWARDS

Dean's Honor List for Fall 2020, Winner of Remotebase Hackfest 2021, Winner of Folio3 Idea Bash 2023