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 Software 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

Amazon Daily Reports
- **Automated** a Amazon seller reporting system; fetched reports from amazon seller accounts daily from four different stores using lambda and **triggers**, gets appended to current data in S3 buckets, and visualised on PowerBI, which was setup on a separate EC2 instance, ensuring **100% automation** and **zero chances** of failure.

Jacksons Food Stores
- Developed dynamic e-commerce features using Next.js and Medusa APIs, implementing efficient routing and state management using Redux and context API to deliver a seamless user experience.
- Integrated Google Maps and Search APIs with custom Tailwind CSS components to create an intuitive location-based shopping interface.

ADDITIONAL SKILLS AND EXPERIENCE

- **Frontend:** React.js, TypeScript, Next.js, Tailwind CSS, Redux
- **Backend:** Node.js, Python, Express.js, MedusaJS
- **Databases & Search:** MySQL, Elasticsearch, Redis
- **Cloud & DevOps:** AWS (Lambda, Kinesis, S3, EC2), GitHub Actions, CI/CD
- **Testing & Tools:** Jest, Postman, PG Admin, Git

HONOURS AND AWARDS

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

EXTRA CURRICULAR

Vice President Events at Lums Students Maths Society   May 2019 – May 2020