Muhammad Usama
Lead Full Stack Developer

Summary

Experienced **Lead Full Stack Developer** with **5+ years** in designing, scaling, and leading full-stack applications across live streaming, SaaS, and real-time systems. Skilled in **JavaScript/TypeScript, React, Node.js, AWS**. Proven experience in **team leadership, architecture planning, and cross-functional collaboration**.

Technical Skills

- **Languages & Frameworks**: JavaScript (ES6+), TypeScript, React, Node.js, Express, Redux, Tailwind CSS
- **Infrastructure & Tools**: AWS (S3, EC2, DynamoDB), Redis, MongoDB, MySQL, CI/CD, Git, Linux CLI, PostgreSQL
- **APIs & Real-Time:** REST, OAuth 2.0, WebSockets, Swagger, Socket.IO
- **Workflow & Collaboration:** Agile/Scrum, Jira, Figma, Confluence

Professional Experience

Lead Full Stack Developer
OneStream Live - Finland (Remote)   April 2022 - Present

- **Spearheaded** the end-to-end development of the **OneStream Live Studio**, a scalable, production-grade **global live streaming SaaS platform**, utilizing React, Node.js, TypeScript, MySQL, Redux-Saga, Tailwind CSS, and Socket.IO.
- **Managed and mentored** a distributed team of **10+ full-stack developers**, overseeing sprint execution, comprehensive code reviews, and streamlined deployment pipelines.
- **Architected and implemented** real-time collaboration features, integrating complex third-party SDKs including OAuth 2.0, Google Analytics, Mautic, and custom effects engines.
- **Optimized backend systems** through **Redis caching, MySQL performance tuning**, and designing robust, scalable APIs documented with Swagger/OpenAPI.
- **Collaborated effectively** with UI/UX designers via Figma and business stakeholders to deliver user-centric features within agile, remote-first workflows.
- **Ensured high system uptime** and **streamlined DevOps practices** using Yarn, NVM, and custom CI/CD workflows, significantly enhancing deployment efficiency.

Full Stack Developer
AI Sight - Lahore   April 2021 - March 2022

- **Developed** real-time analytics dashboards using ReactJS and Node.js, providing critical insights for data-driven business operations.
- **Integrated** Google and Facebook Marketing APIs, directly contributing to a **25% boost in client conversion rates**.
- **Implemented** Socket.IO-based real-time updates to significantly enhance user interactivity and data freshness.
- **Utilized** Chart.js for effective data visualization, enabling clearer decision-making insights.
- **Automated** data migration to AWS S3 via Python, Bash scripting, AWS CLI, and Linux cron jobs, resulting in **saving over 6 hours per week** in manual effort.

Full Stack Developer

- Designed frontend UI and **MySQL database schemas** for a food delivery application.
- Collaborated in UI/UX reviews to improve usability and customer satisfaction.
- Implemented **React Context API** for streamlined state management.
- Secured the app using **JWT-based authentication**, reducing breaches by **30%**.
- Integrated third-party APIs like **Google Maps** and **Stripe** for location tracking and payments.

Associate Software Developer
PearlGates Software Solutions - Lahore   July 2019 - February 2020

- Developed a smart home automation web app using **ReactJS and NodeJS**.
- Enabled **real-time device control** through **Socket.IO**-based communication.
- Designed responsive UI components using **Material-UI and Ant Design**.
- Gained hands-on experience with **AWS (DynamoDB, S3, EC2)** and version control tools.
- Worked on IoT integrations using **Raspberry Pi** and **XBee Modules**.

Personal Projects

- **Shield Key** – [NPM Package](#)
  Lightweight JavaScript library for managing encrypted credentials using **AES encryption**, designed for secure and modular secret storage.
- **ChitChat** – [GitHub](#)
  Real-time chat application developed using the MERN stack with Socket.IO for bi-directional messaging, active user tracking, and scalable architecture.
- **Twitter Clone** – [GitHub](#)
  Feature-rich Twitter replica built with React, Redux, Node.js, and MongoDB, supporting posting, following, liking, and dynamic UI interactions.
- **BookMe Up** – [GitHub](#)
  Utilizes OpenLibrary to fetch books for users to add to favourites, created using ReactJS and Context Api
- **PuzzleShift** – [GitHub](#)
  Interactive puzzle game created with React, showcasing dynamic UI rendering, local state management, and responsive design for different screen sizes.

Education
- National University of Sciences and Technology - NUST
  BE Electrical Telecom Engineering 2015-2019

Certification
- AWS Fundamentals: Going Cloud-Native
  coursera.org/verify/HDBNQG76AFGJ

- AWS Fundamentals: Building Serverless Applications
  coursera.org/verify/G3P24ZZYGBC4