Asad Tariq

Software Engineer

I am a versatile Full Stack Web Developer with over 3 years of experience, adept at creating dynamic, responsive, and efficient web applications. My expertise includes Python, React.js, and Ruby on Rails, along with advanced skills in AWS Cloud services (EC2, S3, RDS, ASG) and specialized libraries such as OpenCV, MediaPipe, and Speechmatics for sophisticated video and audio processing tasks. I excel in team collaboration, ensuring technical solutions align effectively with business objectives, complemented by my strong proficiency in database management.

WORK EXPERIENCE

Software Engineer
Jul 2023 – Present

Devsinc | Islamabad, Pakistan

Devsinc is a software company specializing in web development.

- Led the design, development, and maintenance of web applications, achieving a **20% improvement in application performance** by optimizing codebase and database queries.
- Delivered **10+ scalable features** for industry-level applications with a focus on performance optimization and user experience.
- Collaborated with cross-functional teams to ensure alignment of technical solutions with business goals, resulting in **improved delivery timelines by 15%**.
- Increased code quality by implementing **unit tests** and adhering to best practices, reducing production bugs by **30%**.

Software Engineer
Oct 2022 – Sep 2023

LetsRemotify | Remote

LetsRemotify is a remote job platform connecting talent with job opportunities.

- Worked on developing and maintaining web applications using Ruby on Rails and Stimulus.js, handling **1,000+ concurrent users** without performance degradation.
- Streamlined backend operations by managing PostgreSQL, achieving **30% faster query execution**.
- Integrated third-party services for email and media handling, reducing manual effort by **25%**.
- Utilized GitHub for collaborative development, merging **50+ pull requests** and ensuring version control compliance.

Associate Software Engineer
Jul 2022 – Jun 2023

Devsinc | Islamabad, Pakistan

Devsinc is a software company specializing in web development.

- Engineered front-end and back-end solutions for high-quality web applications, enabling **real-time user interaction** through advanced features.
- Designed and developed scalable systems that supported **2x growth** in user activity.

PHOTO

CONTACT

asadtariq070@gmail.com
linkedin.com/in/asadtariq18
+923088567481

SKILLS

Technology: Python, Ruby on Rails, JavaScript, Vue.js, React.js, Flask, Stimulus, HTML, CSS, Tailwind, AWS (EC2, S3, Lambda, RDS), ElasticSearch, Docker, OpenCV, MediaPipe, Speechmatics
Architecture: MVVM, MVC
Platform: MacOS, Linux
Database: PostgreSQL, MySql, MongoDB, SQLite
Project Management Tools: Jira, Trello, ClickUp, GitHub, GitLab

EDUCATION

COMSATS University Islamabad
Bachelor of Science
Major in Computer Science
Islamabad, Pakistan — 2022

- Leveraged Firebase services for backend enhancements, reducing server response time by **20%**.

PROJECTS

Truth Or Lie

A video analysis service that leverages advanced Python libraries and AWS infrastructure for deception detection in deposition videos and audio.

- Developed backend services utilizing **Python, Flask, and Redis** for deception analysis in deposition videos, reducing analysis processing time by **25%**.
- Integrated **AWS S3** for efficient media storage and retrieval, achieving **30%** faster asset handling. Managed seamless deployments on **EC2 instances** using **CodeDeploy**, resulting in zero downtime during updates.
- Implemented and optimized video/audio processing **pipelines with Speechmatics, OpenCV, and MediaPipe**, improving overall analysis **accuracy by 40%**.
- Designed robust database management systems using **PostgreSQL**, ensuring data consistency and reducing data handling errors by **35%** through automated status updates.

YFU Universe

A platform for students to get opportunities to study abroad.

- Maintained and enhanced a global student management platform, improving user satisfaction scores by **15%** through dynamic updates.
- Utilized **Ruby on Rails and Vue.js** to implement features serving **10,000+ users** worldwide.

BenchIT

A Slack-like web application focused on real-time messaging.

- Played a pivotal role in developing a Slack-like web application with **real-time messaging** and **video/audio integration**.
- Delivered the project within a **4-month timeline**, improving team communication for **500+ users**.

LetsRemotify

A recruiting marketplace.

- Contributed to the development of a leading recruiting marketplace, building and optimizing **key modules** that processed **100+ job applications daily**.

Test Rabbit

An application for conducting online assessments.

- Built an assessment management application integrated with LetsRemotify, synchronizing data across platforms and handling **50+ daily assessments**.

Pokémon

An application for Pokémon data exploration.

- Created a TypeScript-based application leveraging the official Pokémon API for data fetching and interactive data exploration.
- Achieved **95% API request efficiency** through optimized calls.

Campus Buddy

A social media application for university students.

- Solely developed a social media application for university students using **React Native**, including **real-time chat** functionality with Firebase.
- Garnered **300+ active users** within the first month of launch.

Infinity Blog

A web application for blogging.

- Created a blog application using Ruby on Rails allowing authors to publish blogs.
- Implemented user features such as reading, liking, commenting, and reporting.

Resume Evaluator

A web app for resume evaluation.

- Built a web app to evaluate candidate resumes using NLP.
- Provided insights into candidate-time alignment to job requirements.

CERTIFICATES

- *Introduction to VueJS Framework - 2023*
  View Certificate
- *Introduction to Back-End Development - 2023*
  View Certificate
- *Programming in Python - 2023*
  View Certificate