

Muhammad Asad

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SUMMARY:

Experienced Full Stack Software Engineer proficient with testing, and cloud deployment. Dedicated to delivering scalable, high-performance, and secure software solutions throughout the development lifecycle via backend and frontend technologies.

TECHNICAL SKILLS:

Frontend Tech – React, Next.js, Tailwind, Bootstrap, Typescript, JavaScript, jQuery, HTML, CSS

Backend Tech – Node.js, Express.js, Typescript, Laravel, PHP, Wordpress

Database – MySQL, MongoDB, PostgreSQL

Tools – Github, VS-Code, Linux, Postman, Termius, Navicat, Figma, Jira, Bitbucket

Other – AWS, Cloud Flare, S3 buckets, Docker, Redis, REST APIs, CI/CD pipelines, JWT, Swagger Docs, Nginx

EXPERIENCE:

Appricot IT Consultants

Lahore, Pakistan

Software Engineer (SE)

Nov 2022 – March 2024

- 20% increase in user engagement thanks to recommendations algorithms designed by us for user referrals.
- Developed a robust API, optimizing data retrieval from the database and improving responses 15%.
- Created a Node.js module that reads AWS folder structures and efficiently reduces AWS load by 20% through comparison with mobile JSON.
- Real-time DB synchronization using third-party webhooks, resulting 25% accuracy more in results.
- I was leading several projects, directly engaging with clients, and assisting my team members

Achievements:

I won the '**Peak Load Server Battle**' award at my office for handling the highest number of requests with a Node.js server which handles 1 million requests with minimum time.

DevsSpace Ltd

Lahore, Pakistan

Software Engineer (SE)

April 2022 – Nov 2022

- Contributed with cross-functional teams, budget-conscious project delivery, utilizing AWS S3 for storage.
- Engage with the Project Manager to analyze the application architecture, aiming to enhance project delivery efficiency by 20%.
- Reduction in API response times and a 15% increase in data throughput.

Achievements:

Our team won the '**Team of the Month**' award consecutively for two months due to our consistent ability to align projects and We always stayed ahead of our timelines.

Evonicsoft IT Consultants

Dubai, UAE

Associate Software Engineer (ASE)

April 2021 – Nov 2022

- Enhanced user engagement through optimized UI development using React, Bootstrap, Tailwind CSS.
- Provided solutions by directly communicating with clients and understanding their needs.
- Collaborated majorly to the development of efficient Node.js-based RESTful APIs, to boost response times.

PROJECTS:

REME (Dating App)

Tech Stack: Node.js, Express.js, Typescript, MySQL, Prisma, AWS, Redis

- Designed the application architecture and pre-planned the business logic for each API (SOLID), leading to a 15% reduction in completion time.
- Implemented an engaging chat module utilizing Firebase, leading to an impressive 25% boost in user engagement.
- Engineered algorithm for user recommendations, boosting customer engagement by 20%.
- Maintain CI/CD pipelines to make the development phase faster.

Imagine Anything

Tech Stack: Next.js 13, Typescript, AWS, Python AI

- Implement dynamic sitemaps in Next.js to enhance SEO crawling efficiency for Google, resulting in a 20% optimization of website SEO.
- I utilized dynamic routes in Next.js version 13 to build this. By using OAuth by Google authentication becomes 80% more secure.

Dar (Property Management)

Tech Stack: Node.js, Express.js, React.js, Typescript, MySQL, Prisma, AWS

- Developed an algorithm that modifies property suggestions according to user preferences and increases app usage 10%.
- I implemented a meeting scheduling system to ensure that meetings do not overlap with each other.

Villa Pads | Jatina Group

Tech Stack: Laravel, PHP, Twill CMS, Tailwind CSS, JQuery, MySQL, AWS, WebHooks

- Integration of third-party webhooks for real-time updates to the database boosted result accuracy by 15%.
- Successfully managed villa reservations to prevent conflicts & utilized Google Ads scripts to drive sales growth 25%.
- Maintain Git versions and CI/CD pipelines as backend engineer for cloud and code.

EDUCATION:

University Of Sargodha, Pakistan
Bachelor in Computer Sciences (BSCS)

2017 - 2021