

MUHAMMAD IRFAN

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Islamabad, Pakistan

PROFESSIONAL SUMMARY

As a Full Stack Developer with over five years of experience, I have developed a deep expertise in creating large-scale web applications using advanced technologies such as JavaScript ES5/ES6, ReactJS, NextJS, and Node.js. My proficiency with database management systems, including SQL, MySQL, PostgreSQL, and GraphQL, has enabled me to successfully develop and enhance a wide variety of websites and web applications. Years of freelancing and remote work have equipped me with the confidence and expertise needed to deliver excellent results for clients.

TECHNICAL SKILLS

Front-End

- HTML, CSS, JavaScript, TypeScript, Tailwind, Daisy UI, Bootstrap, React, Angular, Next.js, Styled-Components, Redux, Webpack, Babel, ESLint/Prettier/Husky, Jest, Mocha, Cypress

Back-End

- Node.js, Express.js, MongoDB, Koa, JWT, Passport.js, Socket.io, Express, Swagger

Cloud & DevOps:

- AWS (EC2, S3, Lambda), CI/CD, AWS CloudWatch

Security & Tools:

- OAuth2.0, JWT, SSL/TLS, Git, Jira, Agile, Scrum, TDD

PROFESSIONAL EXPERIENCE

May 2025 – Present

NorthCodex | Gilgit, PK

Senior Full Stack Developer

Led the development of a cloud-based SaaS platform that supports over 100K users, focusing on performance, scalability, and security.

Accomplishments:

- Designed and implemented a microservices architecture using Node.js, Koa, and MongoDB. • Developed responsive and scalable UIs using React, Tailwind, TypeScript, and Redux.
- Integrated real-time features using Socket.io, enabling smooth user collaboration and communication.
- Improved security by implementing JWT and Passport.js, ensuring secure authentication and session management.
- Deployed microservices on AWS EC2 using Docker containers, automating CI/CD pipelines to speed up deployment by 50%.
- Optimized RESTful APIs and GraphQL endpoints, improving system response times by 35%. • Used Swagger to document APIs and improve cross-team collaboration.

Dec 2023 – May 2025

Genesis Engineering | Rawalpindi, PK

Software Developer

Developed a real-time collaboration tool for global communication, focusing on performance, usability, and seamless integration with third-party services.

Accomplishments:

- Developed front-end interfaces using Vue.js, Sass, and Bootstrap, improving UI responsiveness by 40%.
- Built back-end services with Node.js and Express, and integrated real-time data updates using Socket.io.

- Integrated third-party services like Twilio for video conferencing and AWS S3 for secure file storage.
- Managed user authentication and authorization through JWT and Passport.js for secure access. Used
- Docker and AWS Cloud Watch to deploy and monitor services, ensuring 99.9% uptime.
- Implemented a robust testing framework using Jest and Mocha, achieving 90% test coverage.
- Streamlined deployment pipelines using AWS Code Pipeline, reducing deployment time by 40%.

Dec 2024 – Jul 2025

**Youmi Tech | Metro Manila, philippines
(Remote)**

Senior Front-End Developer

Led the front-end development of a high-traffic e-commerce platform, enhancing user experience and optimizing performance.

Accomplishments:

- Built and optimized responsive UIs using React, Redux, Sass, and Styled-Components, increasing user retention by 20%.
- Integrated with custom APIs for real-time product listings and dynamic content updates. • Implemented lazy-loading and Webpack optimizations, reducing page load times by 40%.
- Conducted A/B testing and utilized Google Analytics to analyze user behavior, leading to a 15% increase in conversion rates.
- Integrated with payment processing systems, ensuring a seamless and secure checkout experience.
- Worked closely with back-end developers to improve API performance and reduce response times.

Mar 2020 – July 2023

NorthCodex | Gilgit, PK

Front-End Developer

Contributed to the development of a niche social networking platform, focusing on scalability, real-time interactions, and performance optimization.

Accomplishments:

- Developed reusable front-end components using AngularJS, Bootstrap, and Sass, accelerating development by 30%.
- Integrated real-time messaging and notifications using Socket.io and Node.js, enabling instant user interactions.
- Assisted with API development using Node.js and RESTful services, improving scalability and performance.
- Optimized front-end performance, reducing load times by 35% through Webpack and Babel optimizations.
- Collaborated on the integration of real-time data updates and push notifications to enhance user engagement.

EDUCATION

Bachelor of Science in Computer Science

Karakoram International University | Graduated: Nov 2022

References are available on request.