Muhammad Waqar

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Portfolio | LinkedIn | GitHub

SENIOR FRONTEND DEVELOPER

Ambitious A motivated computer engineer, willing to explore the opportunities and learn new technologies. An enthusiastic problem solver and hungry for a new adventure, an exciting job and looking for a multicultural workspace where there is diversity is the key to growing as a company. Proficient in modern web technologies, with a focus on delivering seamless and efficient user experiences. Seeking to leverage my skills in a dynamic team environment to drive forward-looking web solutions.

EXPERIENCE (6 + Years)

Senior Software Engineer   Dec 2023 – Present
Aciano Technology (SAAS, Remote)

- Well verse product and multi-cultural international team members, I'm one of Sr. Software Developer. Norstella develops "Fusion" products that have Micro-Frontend and Micro-Services architecture using React, Redux, TypeScript, Material UI, AuthO, NPX-UI, graphql, Java, SQL, data science, AWS, Azure CI/CD.
- Have a fully stable agile system from development to deployment. Adopting the best practices and delivered on time is our goal, ticket monitoring on Jira, daily scrum and every code merged with strict PR reviews.
- All the features are tested using TDD (Jest and manual) and automation trigger at CI/CD pipeline.
- The fusion application used Data science, big data and AI (e.g OpenAI, Gemini) tools.
- My role is to deliver better user experience and scalable code. There are 100+ developers which divided into different teams and due multi-culture communication will be on professional English.

Software Engineer II   Mar 2022 – Dec 2023
Pakistan Single Window (SAAS, Hybrid)

- Utilize your extensive technical expertise to collaborate effectively with stakeholders and ensure the resulting software system is not only functional but also secure, scalable, and user-friendly.
- Apply a forward-thinking approach to architect and develop generic and re-usable solutions that are easily adaptable, utilizing clean code design principles for maintainability and extensibility.
- Oversee the release management process of the software system using Git-flow, ensuring a seamless and efficient testing and deployment workflow to meet project timelines.
- Notably, in 2023, achieved a promotion and received the "Best Employee" award for outstanding contributions and achievements in a specific project, showcasing a high level of skill and dedication.

Full Stack Software Engineer   Nov 2019 – Mar 2022
Ivolve.io (Start-up, IAAS, SAAS, Onsite)

- Collaborate enthusiastically with a dynamic team to design and develop a hybrid cloud solution that is highly scalable, user friendly, and addresses critical user needs, resulting in a significant impact.
- Demonstrate advanced technical proficiency in both Frontend and Backend development, utilizing technologies such as React, Next.js, Node.js, Python, and Cloud services like AWS, Redhat, and Openstack. Implement micro-service-based architecture, ensure robust and automated deployments, and follow agile methodologies for project success.
- Exhibit a commitment to learning and mentorship by leading and guiding a development team comprising junior to mid-senior roles. Understand and translate business requirements into technical solutions while fostering effective communication within the team.
- Collaborated Take hands-on ownership of the entire development, quality assurance, and release cycles, ensuring a smooth transition to production. Collaborate closely with the DevOps team to manage CI/CD pipelines and facilitate data migration across different regions worldwide.
- In the period from 2019 to 2022, two promotions secured and received two "Best Employee" awards in recognition of outstanding contributions and achievements, highlighting a consistent high level of skill, dedication, and impact within the organization.

TECHNICAL SKILLS

Languages	:	Typescript, JavaScript, Asp .Net, Python, HTML5, CSS3
Libraries	:	React, React Native, Angular, VueJS, Material UI, NextJS, Node, Tailwind, Redux.
Others	:	PostgreSQL, Rest API, SQL, MongoDB, TDD, Jest, React Testing Library, Cypress.
Dev Tools	:	AWS, AI/ML, Data science, Docker, Kubernetes, Jira, Git, CI/CD, Microservices, Micro Frontend

PROJECTS

Fusion App   *React.js, Zustand, MaterialUI, Typescript, Java, AWS, Micro-Frontend, Webpack, Jira*

- Norstella is a Pharma company that aims to make its own product or solution that ease their daily business needs and increase profit. Fusion is the product (drug development life cycle system) that combines 5 different (Citeline, Evaluate, MMIT, Neeve, Confluence) products into single platform solutions.
- Implemented Fusion is the Enterprise and E2E product that provides a complete drug development cycle in an automated way. As one of the Sr. Software Engineer, Fusion architecture is Micro-Service and Micro-Frontend based and developed with latest stack React, Material-UI, Java, NXP, AWS, Azure etc.

PSW   *React.js, Redux, KendoUI, Typescript, .NetCore, Micro-Services, CI/CD, Git*

- Engineered Premises registration is an on-boarding process of different agencies or organization of Government of Pakistan to digitalize the manual process. I build the uni-pattern architect, re-usable code, generic components and it's easy to adopt new changes, complexity and end-to-end frontend service.
- Personal deposit account is a trader (import/export) personal account which is open into the federal customs department of Pakistan. Which work 24/7 all over in Pakistan. I integrate PDA accounts and create a separate micro front-end service.
- The challenging part of this project is to less code and re-usable components in React, JavaScript, Typescript, Kendo-UI, .NetCore, SQL, SQL, Micro Frontend.

CMP   *React, Redux, NextJS, NodeJS, ContextAPi, Ant Design, SCSS*

- Cloud management portal is the fully hybrid managed cloud platform on which different cloud services are integrated like AWS, Redhat, VMware and Openstack with on-premises infrastructure. Specialty for CMP is single billing account, one window monitoring and managed easily for the user needs.
- My role as Senior Full Stack developer, develop new features, integrate new micro-service and fix production issues. using React, Typescript with NextJS and NodeJS, python micro-services using SQL/No-SQL.

EDUCATION

NED University   Karachi, Pakistan
Master's in Data Science   *2024 – 2026*

University of Karachi   Karachi, Pakistan
Bachelor's in Computer Science   2015 - *2018*