

MUHAMMAD SAAD FAROOQ

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SUMMARY

Software Engineer; Full-Stack Developer with strong expertise in both frontend & backend development, RESTful APIs, and modern web applications. Skilled in building scalable systems with Node.js, Express.js, React, PHP, and SQL based databases. Experienced in Docker, Kubernetes, and AWS, with a solid grasp of Linux system administration and networking (TCP/IP, DNS, HTTP/HTTPS). AWS Certified Cloud Practitioner with knowledge at the Solutions Architect–Associate level. Motivated to contribute to and grow within teams building new systems from the ground up, focusing on scalability, performance, and user-centered design.

EDUCATION

Master of Software Engineering and Digital Transformation, LUT University 2023 - 2025

Major: Software Engineering

Grade: 4.52/5.00

Bachelor of Software Engineering, University of Engineering & Technology, Taxila 2018 - 2022

Major: Software Engineering

TECHNICAL & SOFT SKILLS

Front-end	React, State Management (Use-State, Context API, Redux), Next.js, JavaScript, TypeScript, HTML5, CSS3, Sass-SCSS, Bootstrap, Tailwind, Responsive Design, Browser Optimization, UI Components, Figma (Wireframes & Prototypes), Gutenberg Custom React Blocks (Static & Dynamic using PHP), Micro-Frontend, Prototyping & Rapid Iteration.
Back-end	Node.js, Express.js, PHP, Web APIs, RESTful APIs, GraphQL, JWT, OAuth, API Security (SQL Injection, XSS, CSRF), Software Architecture, Microservices.
Database	MySQL, Sequelize, SQLite, TypeORM, MongoDB, Mongoose, PostgreSQL, Database Design & Optimization
DevOps & CI/CD	Docker, Kubernetes, CI/CD Pipelines, Git, GitHub, GitHub Actions, Jenkins, Linux System Administration, networking (TCP/IP, DNS, HTTP/HTTPS), remote diagnostics & troubleshooting.
Testing & QA	Cypress, Jest, Robot Framework, Jmeter, Postman, Unit & Integration Testing , Manual Testing, Test Documentation, Traceability Matrix, X-ray Reports, Continuous Validation
Cloud Platform	AWS & Azure, Cloud-Native Application, Cloud Infrastructure.
Methodologies & Tools	Agile (Scrum) , Cross-Functional Collaboration, Test Planning & Coordination, Jira, LaTeX.
Soft Skills	Adaptable, Attention to Details, Communication, Time Management, Problem Solving Proactive, Independent, Curious, Responsible
Languages	English (Fluent), Finnish (Beginner), Urdu (Fluent), Hindi (Fluent)
Driving License	Finland (A & B), Pakistan (A & B)

EXPERIENCE

Software Testing Teaching Assitant

LUT University

Sep 2024 - Dec 2024

Lappeenranta, Finland

- Taught 90+ students core software testing concepts including unit testing, integration testing, test case design, and test documentation.
- Conducted practical lab sessions on test automation using Selenium and Jest, performance testing with JMeter, and API testing via Postman and Insomnia.
- Supported theory lectures and collaborated with professors to develop course materials and assessments aligned with industry standards.
- Managed Moodle platform activities and provided personalized feedback, achieving over 90% student satisfaction.

Full-Stack Developer

May 2022 - February 2023

RigRex

Lahore, Pakistan

- Developed and enhanced responsive, intuitive, and browser-optimized web applications using React and Redux, improving UI responsiveness and user engagement.
- Translated 10+ wireframes and mockups into responsive, user-friendly interfaces, resulting in improved user experience and reduced bounce rates.
- Optimized mobile-first layouts with Sass, Tailwind CSS, and Bootstrap, boosting page load performance by 10-15%.
- Designed and implemented RESTful APIs using Node.js and Express.js, ensuring secure and efficient backend integration.
- Contributed to automated test suites using Jest for backend APIs and Cypress for frontend UI, improving test coverage and reducing regression issues.
- Contributed to CI/CD pipelines with Docker containerization and Kubernetes orchestration, including diagnosing deployment and network-related issues (HTTP/DNS), reducing downtime by 20% and streamlining deployments.

PROJECTS

Figma Design Projects - [See Designs](#)

- **Newstify:** Newstify is an automated email newsletter platform that simplifies the creation and management of newsletters. The design focuses on intuitive navigation, a sleek aesthetic, and responsive design, ensuring a seamless user experience across all devices. Tried to translate complex functionalities into an engaging and accessible digital interface, aligning perfectly with Newstify's mission to streamline email marketing for users.
- **Reusable:** Reusable, an eco-friendly brand dedicated to reducing plastic waste through reusable products. Utilizing Figma, I developed a user-friendly interface that highlights key products, company values, and subscription options. The design features modern, responsive layouts, ensuring optimal viewing across devices

RentKaru - B.Sc. Final Year Project - [Facebook Page](#)

Developed a B2C rental platform enabling property owners to list available rooms and customers to browse and rent them. Built with React.js, Redux, Tailwind CSS for a responsive frontend, and Node.js with Express.js for the backend. Used MySQL for structured data management, ensuring efficient storage and retrieval of rental listings and user data.

Award: 3rd Position Holder at Regional Plan9 Technology Incubation

COURSES & CERTIFICATIONS

AWS Certified Cloud Practitioner ([Verify](#))

React Complete Guide - Advanced ([Verify](#))

Node Complete Guide ([Verify](#))

Programming with Javascript [Verify](#)

Linux course and Labs ([Verify](#))

DevOps Pre-requisite ([Verify](#))

Docker and Kubernetes ([Verify](#))

CSS Complete Guide - Advanced ([Verify](#))

Soft Skills - C-Disk Project ([Verify](#))

Technical Knowledge - C-Disk Project [Verify](#)

JavaScript Complete Guide - Advanced ([Verify](#))