

YASIR BULAND KHAN

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SUMMARY

Master's in Information Technology graduate with 13 years of experience as a full-stack software engineer. Proficient in translating complex designs into functional web applications with expertise in coding standards, design patterns, optimization techniques, and on-page SEO. Skilled in efficient hydration techniques to optimize server-client resource usage for lightning-fast applications. Experienced in designing and developing secure, high-performance REST APIs using both monolithic and microservices architectures, deployable on-premises or in the cloud.

TECHNOLOGIES AND SKILLS

- Angular CLI, Workspaces, Signals, Server-side & hybrid rendering, Internationalization, Reactive forms, Typed Forms, Template-driven form, Dynamic forms, Form Validation, RxJS, NgRx
- Next.js, React.js, React Hooks, React Router, React Query, React Hook Forms, Zod, Formik, Redux
- JavaScript, TypeScript, Node.js, Express.js, Nest.js, Python, Fast APIs, Prisma, TypeORM
- HTML/5, XHTML, JSX, CSS/3, SASS, LESS, On-Page SEO
- Material UI, Antd, Shadcn UI, Tailwind CSS, Bootstrap, Styled Components, Emotion.js
- Monolith Application, Micro Services, Micro Frontends – Single SPA Expert
- Microsoft SQL, MongoDB, PostgreSQL, Supabase
- GitHub, GitLab, Bitbucket, CI/CD
- AWS, Google Cloud, Microsoft Azure, Heroku, Vercel

PROJECTS

- Unity Market Place (SAAS) <https://www.appexnow.com>
- Legal Firm: <https://www.hco.om>
- Internal Audits: Status Food Alert <https://status.foodalert.com>
- E-commerce: Bin Bakar <https://bakar.pk>

EDUCATION

MASTERS IN INFORMATION TECHNOLOGIES

Superior University Lahore - 2010 to 2012

Cumulative Grade Point Average: 3.6 / 4

EXPERIENCE

NETSOL TECHNOLOGIES

SENIOR FULL STACK ENGINEER (FEBRUARY 2018 TO PRESENT)

As a Senior Full-Stack Engineer and Senior Engineering Owner, responsible for leading the design, development, and implementation of Micro Services and Micro Frontend architecture, collaborating with stakeholders to align projects with business goals. Providing technical guidance to the team, resolving complex issues, conducting code reviews, and ensuring adherence to best practices.

Specialized in Full-Stack development with modern technologies, delivering responsive, user-friendly interfaces. On the back end, managing scalable systems, databases, and cloud deployments. Facilitating agile practices to ensure timely project delivery and team collaboration.

TECHNOLOGIES:

- **Front-End:** Angular CLI, Reactive Forms, Template Driven Forms, React.js, Next.js, Storybook
- **Front-End Libraries:** React Hooks, React Router, React Query, React Hook Forms, Zod, Formik
- **UI/UX:** Material UI, Antd, Shadcn UI, Tailwind, Styled Components
- **Back-End:** Python, Fast API, Node.js, Express.js, Nest.js, TypeScript, Prisma, TypeORM
- **Databases:** MongoDB, PostgreSQL
- **Cloud:** AWS, Microsoft Azure
- **CI/CD:** Docker, GitHub
- **Architecture:** Microservices, Micro-Frontend
- **Methodologies:** Agile, Scrum

Systems Limited Lahore, Pakistan

SENIOR FULL STACK ENGINEER (SEPTEMBER 2017 TO FEBRUARY 2018)

As a Senior Full-Stack Engineer, responsible for developing and maintaining web applications using the MEAN (MongoDB, Express.js, Angular, Node.js) stack, including an e-commerce platform. Specialize in building scalable and high-performance Angular applications, leveraging TypeScript, lazy loading, and efficient state management.

Collaborate with cross-functional teams to deliver high-quality software on time and within budget. Conduct code reviews focused on Angular best practices, dependency injection, and RxJS. Optimize API integrations, resolve performance bottlenecks, and enhance user experience. Integrating PWAs, Angular Universal (SSR), and NgRx to improve scalability and performance.

TECHNOLOGIES:

- **Front-End:** Angular CLI, Reactive Forms, Template Driven Forms, React.js
- **UI/UX:** Material UI, Bootstrap
- **Back-End:** Node.js, Express.js, TypeScript
- **Databases:** MongoDB, PostgreSQL
- **Cloud:** AWS
- **CI/CD:** Docker, GitHub
- **Architecture:** Microservices, Micro-Frontend & Monolithic Architecture
- **Methodologies:** Agile, Scrum

Encore Systems Pvt. Ltd. Lahore, Pakistan

SENIOR FULL STACK ENGINEER (OCTOBER 2016 TO SEPTEMBER 2017)

As a Senior Full-Stack Engineer, specializing in the MEAN (MongoDB, Express.js, Angular, Node.js) stack, responsible for designing and developing scalable and high-performance web applications. Proficient in MongoDB for flexible, NoSQL database management, Express.js for building robust backend APIs, Angular for creating dynamic and responsive front-end applications, and Node.js for efficient, event-driven server-side logic. Collaborate with cross-functional teams to understand business requirements and implement efficient, maintainable solutions. Develop and maintain RESTful APIs for seamless third-party integrations. Actively participate in code reviews, ensuring adherence to best practices and coding standards. Troubleshoot and optimize application performance to deliver high-quality, reliable software solutions.

TECHNOLOGIES:

- **Front-End:** Angular CLI, Reactive Forms, Template Driven Forms
- **UI/UX:** Material UI, Bootstrap
- **Back-End:** Node.js, Express.js, TypeScript
- **Databases:** MongoDB, PostgreSQL
- **Cloud:** AWS Services
- **CI/CD:** Docker, GitHub
- **Architecture:** Microservices & Monolithic Architecture
- **Methodologies:** Agile, Scrum

ParaTech Software Solutions - Pvt. Ltd. Lahore, Pakistan

SENIOR FULL STACK ENGINEER (MARCH 2013 TO SEPTEMBER 2016)

As a Senior Full-Stack Engineer, responsible for designing and developing web applications using the MEAN stack (MongoDB, Express.js, Angular, Node.js) based on business and technical requirements. Collaborating with cross-functional teams to deliver high-quality software solutions. Developing secure, efficient RESTful APIs for third-party integrations. Troubleshooting performance issues and resolving bugs with the team. Participating in code reviews to ensure adherence to standards and best practices. Staying updated on emerging technologies and recommending improvements. Communicating project progress and risks to stakeholders. Creating and maintaining technical documentation. Mentoring junior developers and guiding them on best practices. Collaborating with DevOps for secure and efficient deployment. Following agile methodologies to ensure timely, budget-friendly project delivery. Contributing to the design and architecture of new applications with architects and technical leads.

TECHNOLOGIES:

- **Front-End:** Angular CLI, Reactive Forms, Template Driven Forms, Storybook
- **UI/UX:** Material UI, Bootstrap
- **Back-End:** Node.js, Express.js, TypeScript
- **Databases:** MongoDB
- **Cloud:** AWS Services
- **CI/CD:** Docker, GitHub
- **Architecture:** Microservices & Monolithic Architecture
- **Methodologies:** Agile, Scrum