

Bilal Khursheed

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SUMMARY

Full-Stack Engineer with 6+ years of experience delivering scalable, production-grade web applications across the **JavaScript and TypeScript stack**. Specialized in **React and Next.js for frontend development, and Node.js-based architectures on the backend**. Strong focus on performance, code quality, and system design, with hands-on experience in microservices, cloud infrastructure, and CI/CD pipelines. Proven collaborator in Agile teams, translating product requirements into stable, maintainable solutions.

SKILLS

Core Frontend: React.js, Next.js, React Native, JavaScript (ES6+), TypeScript, HTML5, CSS3

Backend: Node.js, NestJS, GraphQL (Apollo Server & Client), REST APIs, Microservices architecture

Databases: PostgreSQL, MySQL, MongoDB, DynamoDB, Firebase

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, ECS, Route 53, Amplify), Docker, Nginx, CI/CD Pipelines, Git

CMS & Frameworks: Strapi Headless CMS, PHP, Flask, Angular, CodeIgniter

Testing & Quality: Jest (Unit & Integration Testing), Code Reviews, Performance Optimization

Process and Tools: Agile & Scrum, JIRA, GitHub/GitLab

EXPERIENCE

Full Stack Developer

Zoneomics

October 2022 - Present, Islamabad

- Designed and developed scalable full-stack web applications using *React.js, Next.js, Node.js, and NestJS*.
- Integrated frontend components with backend services and APIs, ensuring high performance, responsiveness, and maintainability.
- Implemented *GraphQL APIs using Apollo Client/Server* for optimized data fetching, reducing over-fetching and improving UI performance.
- Optimized application performance through efficient state management, API optimization, and server-side rendering strategies in Next.js.
- Collaborated with designers, backend engineers, and product stakeholders to translate wireframes and requirements into composable, reusable components.
- Actively participated in Scrum ceremonies, such as daily scrum, sprint planning, reviews, and retrospectives.

Full Stack Developer

Gol Technologies

October 2021 - October 2022, Islamabad

- Created dynamic, interactive user interfaces using *React.js and Angular*, focusing on usability and performance.
- Designed and maintained *Node.js* backend services, ensuring reliable API integrations and scalability.
- Built apps using microservices-based architecture, improving system modularity and deployment flexibility.
- Deployed and maintained applications on *AWS (EC2, Lambda) with CI/CD pipelines* for faster releases.
- Ensured code quality through version control, peer reviews, and consistent coding standards.

Software Engineer

Vizteck Solutions

January 2021 - October 2021, Islamabad

- Developed responsive web applications using React.js, improving user experience and load performance.
- Designed backend services and database schemas using *Node.js with MySQL and MongoDB*.
- Implemented cloud integrations using AWS S3 and EC2, ensuring scalability and reliability.

FullStack Developer

SLOSH AI SOLUTION

January 2019 - January 2021, Islamabad

- Contributed to the development of a production-grade AI-powered healthcare web platform using *React.js* and *Node.js*.
- Integrated backend services with frontend workflows to support real-time data processing and analytics.
- Collaborated closely with cross-functional teams, following Agile delivery practices to meet project milestones.

EDUCATION

BS Software Engineering - COMSATS University Islamabad, PK (2016 - 2020)

Minor in Web Development, Database design, Software Engineering, Artificial Intelligence

PROJECTS

HomeRoyaltie (homeroyaltie.com)

HomeRoyaltie • homeroyaltie.com/

- Built and maintained a scalable full-stack web application using React.js and Node.js, supporting payments, ownership workflows, and reporting.
- Optimized backend services and AWS infrastructure (EC2, S3, RDS, Lambda) for high-volume transactions and reliability.

AI-driven Zoning Analysis & Site Search

Zoneomics (Magma System) • www.zoneomics.com/

- Developed high-performance web applications using Next.js and Node.js, integrating frontend components with backend services.
- Built interactive dashboards with a focus on performance, responsiveness, and maintainable code.

Hospital Connect

Hospital Connects • hospitalsconnect.co/

- Designed and implemented Node.js backend services with React / React Native frontends for user management and appointments.
- Integrated secure payment workflows and managed AWS deployments for production releases.

Alive5 (Multi-Channel Customer Conversations)

GOL Technologies • alive5.com/

- Built a React-based dashboard and Node.js serverless services for multi-channel messaging and CRM workflows.
- Ensured scalability, performance, and clean architecture across frontend and backend.