

Bilal Ahmed

Full Stack Developer

 bilalah.dev07@gmail.com

 +44 7521 438761

 linkedin.com/in/bilal-dev9

 Leeds, England

SUMMARY

Full Stack Developer with 5+ years of experience designing, developing, and deploying scalable web applications using modern JavaScript frameworks, .NET technologies, and cloud platforms. Skilled in React.js, Node.js, Express.js, TypeScript, PostgreSQL, MongoDB, AWS, ASP.NET Core, and C#. Experienced in building RESTful and GraphQL APIs, microservices, and CI/CD pipelines. Adept at writing clean, maintainable code and collaborating with cross-functional teams to deliver secure, high-performance solutions. Passionate about solving complex problems and driving innovation in software engineering.

PROFESSIONAL EXPERIENCE

Lhasa Limited

 Remote

Responsibilities:

- Led the architecture and development of scalable full-stack applications using React.js, Next.js, Node.js, and ASP.NET Core, improving overall system performance and user engagement by 35%.
- Designed and maintained secure REST and GraphQL APIs using .NET C# and Node.js, following MVC and clean architecture principles, boosting service efficiency and reducing latency by 40%.
- Architected and optimized PostgreSQL database schemas with indexing and caching strategies, increasing query speed and lowering response time by 45%.
- Implemented automated CI/CD pipelines for both JavaScript and .NET services using Docker, GitHub Actions, and AWS, accelerating deployment cycles and reducing production errors by 55%.
- Collaborated with cross-functional teams across design, QA, and DevOps, improving delivery timelines and overall team productivity by 25%.
- Performed in-depth debugging, code reviews, and performance tuning across JavaScript and C# codebases, enhancing system stability and reducing downtime by 30%.
- Mentored junior developers, promoted engineering best practices, and guided adoption of ASP.NET Core and modern JavaScript frameworks across the team.

Senior Software Engineer

 Nov 2023 – Present

Northcoders

 Manchester, UK

Responsibilities:

- Spearheaded the development of modular, enterprise-level web solutions using Node.js, Nest.js, and ASP.NET Core microservices, improving scalability and reducing server load by 38%.
- Engineered RESTful APIs and GraphQL services using .NET C# and Node.js, enhancing data throughput and API reliability by 42%.
- Built dynamic and optimized web interfaces with React.js and Next.js, improving front-end responsiveness and increasing session duration by 25%.
- Administered AWS cloud environments, implementing cost-efficient infrastructure practices that reduced resource consumption by 20%.
- Devised and maintained CI/CD pipelines for both Node.js and .NET services leveraging Docker and GitHub Actions, accelerating deployment frequency by 50%.
- Guided junior developers through technical mentorship and peer code reviews, raising overall code maintainability and team velocity by 30%.

Senior Software Engineer

 Mar 2022 – Sept 2023

VentureDive

📍 Lahore, PK

Responsibilities:

- Developed and maintained core backend modules using Node.js, Express.js, and ASP.NET Core C#, increasing system reliability and throughput by 30%.
- Partnered with product and QA teams to build RESTful APIs using .NET and Node.js, improving integration efficiency and reducing data exchange latency by 25%.
- Implemented dynamic and responsive user interfaces with React.js and Tailwind CSS, enhancing UI responsiveness and reducing load time by 35%.
- Participated in Agile sprints, ensuring timely delivery of key features and improving team delivery efficiency by 20%.
- Conducted code reviews and assisted in resolving production-level issues across Node.js and .NET services, minimizing post-deployment defects by 28%.

PROJECTS

Project: SeekSocial

Technologies: React, Node.js, Express.js, RabbitMQ, AWS, MongoDB

- Designed and implemented core platform modules, including influencer search and filtering systems, increasing user engagement and session retention by 40%.
- Developed high-performance, responsive interfaces using React and Redux, enhancing page responsiveness and reducing load times by 35%.
- Integrated RESTful APIs with Node.js and Express.js backend services, optimizing data retrieval and improving API response time by 30%.
- Utilized RabbitMQ for managing influencer search queues, improving request handling efficiency and reducing processing latency by 45%.
- Deployed and maintained scalable environments on AWS, achieving 99.9% uptime and ensuring smooth cross-team collaboration during releases.

Project: Popless

Technologies: ASP.NET Core, C#, .NET, Nest.js, TypeScript, PostgreSQL, GraphQL, AWS, Docker, Stripe, CI/CD

- Architected core platform modules using ASP.NET Core, C#, and Nest.js, improving usability by 40%.
- Built backend microservices with ASP.NET Core, C#, and Nest.js, enhancing scalability and reducing API response times by 35%.
- Optimized PostgreSQL schemas and indexing across .NET and Node.js, improving query efficiency by 45%.
- Integrated Stripe for secure multi-currency payments using ASP.NET Core and Node.js, boosting transaction success by 30%.
- Developed GraphQL and REST APIs with ASP.NET Core, C#, and Node.js, improving data fetching and system performance by 25%.

Project: Glamezy

Technologies: NestJS, React, Redux, Docker, Amazon S3, Stripe, PostgreSQL, Google Maps API

- Defined core platform modules, boosting usability by 40%.
- Built backend microservices with Nest.js and TypeScript, reducing API response times by 35%.
- Optimized PostgreSQL schema and indexing, improving query efficiency by 45%.

- Integrated Stripe for multi-currency payments, increasing success rate by 30%.
 - Implemented GraphQL APIs for faster data fetching and real-time updates, enhancing performance by 25%.
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Project: LassWho

Technologies: Next.js, TypeScript, Tailwind CSS, ASP.NET Core, C#, PostgreSQL, WebRTC, Video Conferencing API

- Engineered and refined real-time video conferencing features using ASP.NET Core, C#, Next.js, and WebRTC, increasing call stability and user engagement by 40%.
 - Developed interactive and accessible user interfaces with Tailwind CSS and TypeScript, enhancing responsiveness and front-end performance by 35%.
 - Implemented optimized PostgreSQL data structures for user and session management across .NET and JavaScript services, improving query execution efficiency by 30%.
 - Collaborated with product and design teams to align UI/UX standards across web and mobile, improving interface consistency and usability by 25%.
 - Performed comprehensive testing and debugging on multi-device environments, ensuring a 99% uptime rate and a reliable real-time communication experience.
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Project: GoSchoolBox

Technologies: React.js, Node.js, Express.js, ASP.NET Core, C#, PostgreSQL

- Optimized user workflows and built backend services with Node.js, Express.js, and ASP.NET Core, improving server response efficiency by 40%.
- Directed the design and deployment of PostgreSQL database architecture for both .NET and Node.js services, enhancing data storage and retrieval speed by 45%.
- Developed responsive and intuitive front-end interfaces using React.js, improving navigation efficiency and user satisfaction by 35%.
- Delivered key platform features using .NET and JavaScript stacks that boosted tutor-student engagement and increased platform retention rate by 30%.

SKILLS

JavaScript	TypeScript	Node.js	Nest.js	C#	.NET Core	ASP.NET Core
Blazor	React.js	Next.js	Express.js	Prisma	Sequelize	PostgreSQL
MongoDB	Mongoose	AWS	Docker	Heroku	GitHub Actions	RabbitMQ
Apache Kafka	RESTful APIs	GraphQL	CI/CD	Jira	ClickUp	Microservices
OpenAI	Socket.IO	OAuth	JWT	SSO	PayPal	Stripe
Entity Framework	Angular	MVC	ADO.NET	LINQ		

CERTIFICATIONS

ChatGPT Prompt Engineering for Developers
DeepLearning.AI

 Feb 2025

AWS Certified Developer – Associate
LinkedIn Learning

 Oct 2025

EDUCATION

Bachelor In Computer Science
Bahria University

 Aug 2016 - Aug 2020
 Islamabad, PK