



Saranga B

Senior Software Engineer (Full Stack) — Nagarro

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About

Highly experienced Senior Full Stack Developer with 6+ years of hands-on expertise in .NET Core, C#, RESTful API development, and modern JavaScript frameworks (React, Next.js, Angular). Proven ability to lead teams, modernize legacy systems, and deliver scalable, high-performance solutions on cloud platforms (AWS, Azure). Strong advocate of agile methodologies, test-driven development, and product engineering best practices. Seeking to leverage technical leadership and full-stack proficiency as an Associate Technical Lead or Technical Lead.

Technical Skills

- Languages:** C#, JavaScript, TypeScript, SQL (T-SQL, P-SQL), Python, Java, C, C++
- Frameworks/Technologies:** .NET, .NET Core, ASP.NET, Entity Framework, Dapper, RESTful APIs, React, Next.js, Angular, Node.js, Express.js, RabbitMQ, Hangfire, SignalR, Microservices
- Databases:** SQL Server, PostgreSQL, MySQL, MongoDB, Redis, Neo4j
- Cloud:** AWS (S3, Lambda), Azure, GCP
- DevOps/Tools:** Docker, Git, GitHub Actions, Azure DevOps, Terraform, CI/CD
- Practices:** Agile, Scrum, TDD, BDD, Unit Testing

Work Experience

Senior Engineer (Full Stack)

Nagarro, Sri Lanka

Dec 2023 – Present

- Modernized legacy SPAs to React.js and migrated ASP.NET Core apps to microservices (.NET 8+), enhancing scalability and maintainability.
- Provisioned Azure infrastructure with Terraform and implemented CI/CD pipelines (GitHub Actions, Azure DevOps) for automated deployments.
- Led code reviews and knowledge sharing, promoting best practices in .NET, RESTful API design, and cloud-native development.

Software Engineer (Full Stack)

Zone24x7, Sri Lanka

Feb 2020 – Dec 2023

- Developed custom ETL and background job scheduling systems using Hangfire, SignalR, and RabbitMQ, optimizing real-time data processing.
- Led Angular-to-latest migration and implemented Postman test suites, reducing QA hours and improving code quality via automated testing.
- Designed and optimized SQL Server databases and JavaScript assets, achieving significant performance gains.

Freelance Software Engineer

Self Employed, Sri Lanka

Jan 2018 – Feb 2020

- Built 2D/3D content creation tools and After Effects plugins, demonstrating adaptability across Python, MEL, and ActionScript.
- Developed particle simulation engines and contributed to diverse client projects, showcasing strong problem-solving and technical breadth.
- Delivered solutions with a focus on code quality, maintainability, and client satisfaction.

Education

- B.Sc (Hons) in Computer Science**
Kingston University, UK (2020 – 2023)
Second Class Honours; focus: software engineering, web
- Software Engineering Bootcamp Certification**
SLTC, Sri Lanka (2019 – 2020)
SLASSCOM-backed, full-stack curriculum
- Secondary School Completion**
Colombo South International College, Sri Lanka (1999 – 2011)
GCE London A/L: BBB (Maths, Chemistry, Physics)

Selected Projects

- [Payload Injection Filter](#): ASP.NET Core middleware for request filtering using regex.
- [LearnTree AI](#): Generative AI app for interactive knowledge graphs.
- [Resumeagen](#): LLM-powered resume generator.
- [InMemGraph DB](#): Lightweight in-memory graph database in C.
- [Product Engineering Manifesto](#): Contributor to open product engineering standards.

Certifications & Continuous Learning

- Microsoft Certified: Azure Fundamentals (AZ-900)**
- Mathematics for Machine Learning** (Deeplearning.ai / Coursera)
- Cryptography and Information Theory** (University of Colorado / Coursera)
- MITx 6.00.1x: Introduction to Computer Science Using Python**

References

- Azmeer Mohammed**
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- Chathuranga Wijeratna**
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