

Jeslur Rahman [Software Engineer]

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Professional Summary

Software Engineer with experience in full-stack development, cloud computing, and AI integration. Proficient in a versatile tech stack including **.NET Core, Java, Python, Node.js, React, Angular, and TypeScript**, with strong expertise in **SQL (MSSQL, PostgreSQL)** and **NoSQL (MongoDB)** databases. Hands-on experience in architecting **Agentic AI systems** and **RAG-based solutions** using **CrewAI** and **LangChain**, combining **Machine Learning and Deep Learning** with enterprise software engineering to deliver high-performance intelligent applications. Proven ability to design, develop, and optimize scalable applications while solving complex technical challenges and delivering **AI-driven, cloud-native solutions** that enhance business performance and drive innovation.

Experience

Software Engineer, Verdentra – Colombo, Sri Lanka Jan 2026 – Present

Associate Software Engineer, Verdentra Dec 2024 – Dec 2025

- **Won 1st Place at Verdentra AI HackathonX** for architecting and delivering a high-impact, AI-driven client solution.
- **Engineered scalable Web APIs** using .NET Core, following Clean Architecture, CQRS, and SOLID principles to ensure high maintainability and testability.
- **Built full-stack features** with React, Angular, and TypeScript, delivering responsive user interfaces integrated with robust RESTful APIs and **Azure cloud services**.
- **Optimized data layers** using Microsoft SQL Server and EF Core by designing efficient database schemas, queries, and stored procedures to improve system performance.
- **Architected microservices based systems** to enhance scalability and modularity, ensuring reliability through rigorous unit testing with xUnit and Moq.
- **Developed LLM powered solutions** using CrewAI, LangChain, and Retrieval Augmented Generation (RAG) for real world automation and AI use cases.
- **Built and trained Machine Learning and Deep Learning models** for real world applications, including data preprocessing, model evaluation, and deployment.
- **Promoted engineering best practices** by conducting peer code reviews and **publishing technical articles** to support internal knowledge sharing and external branding.
- **Explored emerging tech** by contributing to high performance data processing projects using Go and Snowflake.
- **Technical Speaker** at university sessions, conducting workshops on modern AI and data science concepts to mentor aspiring engineers and promote knowledge sharing within the local tech community.

Education

BSc (Hons) in Information Technology June 2020 – Sept 2024
Sri Lanka Institute of Information Technology (SLIIT)

Technical Skills

Languages: C#, Java, Python, JavaScript, TypeScript, SQL, C/C++

Backend: .NET Core, Spring Boot, Node.js, FastAPI, Django, Flask

Frontend & Mobile: React, Angular, React Native, Flutter, Material UI, Bootstrap, HTML/CSS

Databases: MSSQL, MySQL, PostgreSQL, MongoDB, Snowflake, Vector Databases

Cloud & DevOps: Microsoft Azure, AWS, GitHub Actions, Docker, CI/CD, SonarQube

AI / ML / Agents: CrewAI, LangChain, RAG, LLMs, NLP, Machine Learning, Deep Learning

Testing & Tools: Playwright, Selenium, Testim, xUnit, Moq

Professional Skills: Technical Writing, Agile Methodologies, Leadership, Problem Solving

Certifications

AI-102: Azure AI Engineer Associate – Microsoft June 2025
View Credential