

Yashwanth Reddy Sandi

Senior Software Engineer — Full Stack (.NET · Angular · AWS/Azure)

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Hyderabad, Telangana - India

PROFESSIONAL SUMMARY

Full-stack Software Engineer with 5 years of experience building and maintaining production web applications across Angular/TypeScript front ends and C#/.NET Core backends. Currently owns end-to-end full-stack development on a data-intensive US healthcare platform as the team's dedicated offshore engineer, collaborating daily with an onshore team lead in an Agile/Scrum setup, from Angular/.NET Core development to PostgreSQL data modeling and AWS Lambda functions for event-driven processing. Brings hands-on AWS infrastructure experience (VPC, EC2, Lambda, EventBridge) with a consistent focus on code quality, performance, and reliability.

EXPERIENCE

Senior Software Engineer — PalTech

Jul 2024 - Present

- Own end-to-end full-stack development on a data-intensive US healthcare platform as the team's dedicated offshore engineer, collaborating daily with an onshore team lead and a broader Agile/Scrum cross-functional team (sprint planning, standups, reviews, retrospectives) tracked in Jira.
- Build and maintain full-stack features on an Angular/TypeScript front end and C#/.NET Core backend REST APIs, following the team's established design patterns and code-quality standards.
- Design and optimize PostgreSQL schemas and queries for high-volume healthcare data processing and reporting, implemented partitioned tables for monthly data from select sources, alongside materialized views and post-load refresh mechanisms to cut data redundancy and keep data consistent across the application.
- Contributed to data automation work that cut manual developer effort by 30-50%, replacing a process where developers had to manually download and load CSV files from the CMS and other file sources, built using AWS Lambda functions for event-driven data processing.
- Worked on SSO integration for the application to support secure authentication across environments.
- Participate in code reviews and use Claude Code as a daily coding assistant, including a Figma MCP integration that sped up UI development during an application redesign, and have authored internal guidelines for reviewing AI-generated code to help keep quality consistent.

Internal Hackathon — Market Trend Intelligence & Campaign Content Accelerator

- Built agents that ingest blog, news, and event signals and turn them into LLM-generated, evidence-backed campaign themes for the sales team, scored on market relevance, capability alignment, and campaign readiness.
- Matched selected themes against an internal service-capability knowledge base and generated ready-to-use campaign content (briefs, LinkedIn/email messaging, call talking points), plus a sales chatbot to explore and refine themes.

Full Stack Developer — Arete-IR LLP

Dec 2023 - Jun 2024

- Built full-stack features on a cybersecurity platform, using FormsIO and Vue.js on the front end and C#/.NET Core REST APIs on the back end, following standard design principles and patterns.
- Managed Azure ADF pipelines and Databricks integration to validate and export data while keeping data integrity intact.
- Participated in Agile ceremonies and sprint tracking via Jira boards with cross-functional teammates.

Software Engineer — Eurofins IT Solutions India Pvt. Ltd

Jun 2021 - Aug 2023

Full-stack work on the Guided Ordering platform, a booking/e-commerce system for US food-testing labs.

- Worked across an Angular frontend and .NET Core microservices (a CQRS-style split between OrderCmd and OrderQuery, plus separate Logistics and Document services), backed by MS SQL Server.
- Took on increasing ownership of the post-order sync pipeline, including background worker jobs and Apache ActiveMQ messaging that synced orders into a downstream legacy database for lab systems to consume.
- Deployed services as Windows Services and a Dockerized component on Azure App Service, using Azure Blob Storage for file storage and Octopus Deploy to manage environment-specific, multi-tenant releases.

- Wrote unit, integration, and controller tests across the API, service, and repository layers, and used SonarQube alongside automated xUnit tests to keep code quality in check.
- Handled non-trivial business logic in order pricing and test selection, resolving contract/quotation-based pricing alongside package, bundle, and parent/child test relationships before an order total could be shown to the customer.

Full Stack Development Trainee (MERN Specialization) — NxtWave

Dec 2020 - May 2021

- Completed the CCBP 4.0 intensive training program, building proficiency in Python and core web development fundamentals.
- Built static, responsive, and dynamic web applications using HTML, CSS, JavaScript, Bootstrap, Node.js, and Express.
- Designed and developed projects including e-commerce websites and to-do applications, working with relational databases and core programming concepts.

SKILLS

Front-End: JavaScript, TypeScript, Angular, React, HTML, CSS, Bootstrap

Back-End: C#, .NET Core / ASP.NET Core, Web API, Node.js, Express, Python, Django

Databases: PostgreSQL, SQL Server, MySQL

Cloud & Data: AWS (VPC, EC2, Lambda, EventBridge), Azure (App Service, Blob Storage, ADF), Docker

Practices & Tools: Agile/Scrum, Jira, Git, Microservices/CQRS, ActiveMQ, SonarQube, Azure DevOps, Octopus, xUnit, CI/CD, SSO/Authentication, Claude Code, Cursor

UI/UX Tools: Figma (incl. Figma MCP with Claude Code), Claude Design, Adobe Illustrator

TECHNICAL PROJECTS

Customized Responsive Web Applications — ohminstitute.com / LMS Dashboard

- Built a customized website and an LMS dashboard for a faculty member using React.js, Django, MySQL, and AWS.

EDUCATION

B.Tech — Sphoorthy Engineering College, Hyderabad, Telangana

Sept 2020