

VIJAY AKASH M

SOFTWARE ENGINEER | FULLSTACK DEVELOPER

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Summary

Results-driven Software Engineer with 4 years of experience in designing, developing, and delivering scalable software solutions. Proven track record of improving performance, enhancing system reliability, and contributing to high-impact projects. Recognized for mentoring junior developers, supporting cross-functional teams, and fostering a collaborative environment that drives innovation and project success.

Work Experience

Decos Software Development Pvt. Ltd.,

Pune, Maharashtra, India

Software Engineer

Jan 2024 - Present

- Developed a custom RBAC system using ASP.NET Core & Entity Framework Core for dynamic, fine-grained access control.
- Built a real-time Angular admin UI to manage users, roles, and permissions.
- Engineered secure REST APIs with JWT authentication for authorization workflows.
- Automated deployments with Azure DevOps CI/CD, reducing release cycles by 30%.
- Improved scalability and performance in .NET + Angular applications through modular architecture.

Associate Software Engineer

Aug 2022 – Dec 2023

- Built a Generative AI-powered wiki assistant using Azure OpenAI, delivering contextual knowledge and documentation for internal teams and clients.
- Integrated Azure OpenAI with internal systems and custom UIs to enable a conversational assistant experience.
- Developed a custom insights dashboard by integrating Azure DevOps API, helping clients track project risks and delivery health.
- Contributed to modular components with .NET Core and Angular, improving code reusability and scalability.
- Supported backend optimization, debugging, unit testing, and documentation for production readiness.
- Actively engaged in Agile ceremonies and knowledge-sharing sessions to improve team collaboration.

Ask Technology

Chennai, Tamil Nadu, India

Software Programmer (Intern)

May 2022 – Aug 2022

- Assisted in backend software development by implementing business logic, data handling, and system modules using C# and .NET
- Conducted manual testing of core functionalities to validate requirements, identify bugs, and ensure reliable performance.
- Prepared test case documentation and collaborated with developers to troubleshoot and resolve defects.
- Supported debugging and performance optimization activities, improving overall system stability.

Technical Skills

- Programming & Problem-Solving:** C#, Python, JavaScript, TypeScript, SQL
- Frontend Development:** Angular, HTML5, CSS3, Bootstrap, Tailwind CSS, jQuery, other Angular frameworks like Ignite UI, Prime NG, Ng-Zorro
- Backend Development:** ASP.NET Core, .NET 6/7/8/9, Web API, Entity Framework Core, Node.js
- Database Systems:** SQL Server, Azure Cosmos DB, MongoDB, NoSQL
- Cloud & DevOps:** Microsoft Azure (App Services, Azure Functions, Key Vault, Blob Storage), Azure DevOps (Pipelines, Boards), Docker
- Artificial Intelligence:** Azure OpenAI, Generative AI, Prompt Engineering, LLMs
- Tools & Platforms:** Git, GitHub, VS Code, Visual Studio, Postman, Swagger, Azure Portal
- Software Development Practices:** Agile/Scrum, CI/CD, Test-Driven Development (TDD), Code Reviews, Version Control (Git), Documentation
- UI/UX Design:** Figma (Basic)

Projects

Enterprise Management Dashboard (ERP with Angular)

Technologies: ASP.NET Core, Angular, EF Core, SQL Server, Chart.js, Azure, JWT Auth

- Developed a centralized web application to manage project updates, employee OKRs, meetings, and product/service insights across multiple departments.
- Implemented a custom Role-Based Access Control (RBAC) system for secure, scalable permissions management at both group and user levels.
- Integrated interactive data visualizations to track employee performance, sales metrics, and customer satisfaction KPIs.
- Empowered leadership to monitor progress and outcomes across internal and client-facing projects.

AI-Powered Internal Wiki Assistant

Technologies: Azure OpenAI, Angular, C#, Azure Blob Storage, REST API

- Designed and implemented a Generative AI-based assistant using Azure OpenAI to automate internal knowledge discovery from documentation.
- Supported multimodal input (text + images) to enhance access to scanned and visual materials.
- Built automated pipelines to continuously update and retrain the model with the latest organizational content.
- Enhanced employee productivity by reducing time spent manually searching for internal resources.

Enterprise ERP Web Application Modernization

Technologies: ASP.NET Core, MVC, Web API, C#, Entity Framework, SQL Server, JavaScript, jQuery, Azure DevOps

- Designed and developed a full-stack ERP web application to streamline core business modules.
- Implemented RESTful APIs with ASP.NET Core Web API and integrated them with front-end components using MVC, JavaScript, and jQuery.
- Optimized complex SQL queries and stored procedures, improving system performance by 30%.
- Built reusable components and enforced coding standards, ensuring maintainable and scalable code.
- Deployed and maintained CI/CD pipelines in Azure DevOps for automated build, testing, and release cycles.
- Collaborated in Agile/Scrum teams, contributing to sprint planning, reviews, and technical documentation.

DevOps Issue Insights Integration Tool

Technologies: Azure DevOps API, .NET 8

- Developed a backend integration that extracts and analyses known issues across projects using Azure DevOps API.
- Delivered a custom web dashboard for internal teams and stakeholders to track risks, blockers, and recurring issues.
- Enabled proactive reporting and improved transparency with near real-time data syncing.
- Helped reduce communication overhead with stakeholders by automating visibility into issue trends.

Certification

- **Microsoft Certified:** Azure Fundamentals (AZ-900)
- **Microsoft Certification:** Attempted AZ-204 (Developer Associate) with near qualifying score, preparing to reattempt shortly
- **freeCodeChamp:** Foundational in C# with Microsoft
- **Udemy:** SPA Development with Angular, ASP.NET and SQL Server | Azure Open AI with Prompt Engineering | Mastering Full Stack .NET Architecture Development with C#
- **Internshala:** Deep Learning Training

Awards & Achievements

- Awarded “**Shining Star Award (2024)**” for delivering high-quality solutions and exceeding performance expectations.
- Awarded “**Hero of the Moment (Jan 2025)**” for identifying and implementing a key cost-saving initiative within the organization.
- Spearheaded the migration of a legacy application to .NET Core and Angular, resulting in 40% improved performance.
- Recognized for quick turnaround on critical bug fixes, ensuring 99.9% uptime.
- Mentored junior engineers, accelerating onboarding and strengthening the team’s technical depth.
- Partnered with stakeholders to align technical solutions with business objectives, increasing client satisfaction.

Education

Bachelor of Engineering (B.E) in Computer Science and Engineering

Sri Muthukumaran Institute of Technology, Chennai, Tamil Nadu

Year of Completion: 2022

CGPA: 8.5 / 10