

Prasad Deshkar

Full Stack .NET Developer | Swindon, UK | prasaddeshkar7@gmail.com |

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Summary

Full Stack Developer with over 5 years of experience delivering scalable, secure, and high-performance applications using .NET, Angular, and cloud technologies. Proven track record in healthcare and railway domains, with strengths in migrating legacy systems. Transforming monolithic to microservices architecture, and building DevOps pipelines. Skilled in WPF, ASP.NET Core, EF Core, PostgreSQL, and Azure DevOps. Adept at leading Agile ceremonies, mentoring junior developers, and collaborating cross-functionally to deliver enterprise-grade software solutions.

Technical Skills

- **Languages & Frameworks:** C#, ASP.NET Core, WPF, Entity Framework Core, Angular, WinForms
- **DevOps & Cloud:** Azure DevOps, GitLab, CI/CD, Azure Cloud, AWS
- **Databases:** PostgreSQL, NoSQL (Basic)
- **Testing & Tools:** Cypress, NUnit, Moq, Postman, Docker, Kubernetes (Basic)

Professional Experience

Control Systems Engineer | Siemens Mobility | Chippenham, United Kingdom

Sept 2022 – Present

- Developed WPF applications to support training, maintenance, and investigation for rail signalling systems, improving diagnostic and training efficiency.
- Lead development of a module for telecoms communication.
- Lead migration from Windows forms app to WPF based modern app.
- Built tool interfacing with Windows services to configure firewall rules, network adapters, and video ports, enabling system integration etc.
- Collaborated with stakeholders to define requirements, prioritize features, and demonstrate solutions.
- Optimized PostgreSQL queries to reduce latency and support schema evolution across large-scale signalling data.
- Worked with EF Core for data access and ORM integration in the application.

- Led Agile ceremonies including daily standups and sprint reviews; facilitated backlog management and priority alignment.
- Participated in cross-functional teams and site visits to resolve customer-reported issues and software updates, ensuring minimal downtime.
- Mentored new joiners and supported team collaboration across projects and domains.

Software Developer | Siemens Healthineers | Bengaluru, India

Mar 2020 – Aug 2022

- Contributed to an AI-based radiological application for organ contouring, improving diagnostic efficiency and accuracy for radiologists.
- Led the UI development in the team's transformation from pure backend-based team to a full stack team along with the automation of E2E UI tests to achieve over 90% code coverage.
- Contributed to transformation of a Monolithic application to a Microservices.
- Developed robust .NET Web APIs and responsive Angular frontends, processing clinical patient data for high-volume medical workflows.
- Created comprehensive Azure DevOps CI/CD pipelines, automating builds, tests, and deployments and significantly reducing release cycles.
- Assisted the team in troubleshooting and adapting Kubernetes clusters and managing Docker containerization as per the needs.
- Actively participated in team knowledge sharing, leading internal book reading sessions on clean code and design patterns.

Education

Diploma in advanced computing | CDAC ACTS | Pune, India

Aug 2019 – Feb 2020

Bachelor of Engineering (B.E.) in Information Technology | Yeshwantrao Chavhan College of Engineering | Nagpur, India

July 2014 – May 2018

Certifications

- Architecting on AWS with AWS Jam
- AWS Technical Essentials
- AWS Cloud Technical Essentials