Shivnesh R

Software Developer

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PROFESSIONAL SUMMARY

- **2+ years of experience** in **full-stack development**, building scalable and high-performance applications across **web and Windows platforms** using modern technologies.
- Proficient in **ASP.NET Core, MVC, Web API, C#, JavaScript, React, Angular, and TypeScript** for developing efficient and scalable web applications.
- Experienced in **WinForms** and **WPF**, delivering high-performance Windows applications with a focus on usability and performance.
- Skilled in **AWS** and **Docker**, optimizing cloud deployments for scalability and reliability.
- Strong expertise in **AI, image processing, and NLP**, integrating intelligent solutions into applications.
- Focused on **performance optimization, scalability, and enhancing user experience** through innovative solutions.

EXPERIENCE

Developer   Jan '23 — Present
TATA Technologies Limited   Bengaluru, India

- **Developed and optimized** ASP.NET-based applications, improving system efficiency by **25%** through enhanced code architecture and database indexing.
- Designed and implemented **RESTful Web APIs** in .NET Core for seamless integration with frontend frameworks like React and Angular.
- **Reduced application bugs by 35%** by implementing regression testing and debugging strategies.
- Built and maintained **WinForms and WPF applications** for client-specific enterprise solutions, improving business operations.
- Developed **AI-powered modules** for text analysis and image recognition, enhancing software capabilities for business intelligence.
- Collaborated with cross-functional teams to translate business requirements into technical solutions, improving project delivery efficiency by **20%**.

EDUCATION

BTech in Computer Science and Engineering, Karunya University (GPA: 8.41)   Jul '19 — May '23
Coimbatore, India

- Developed various web based application as lab projects based on **.NET** architecture.
- Developed an AI-based scheme for solving nonlinear skin disease models using deep learning techniques, and published journal paper (IEEE).

PROFESSIONAL PROJECTS

Application Usage Monitoring Tool
- Developed custom modules to track application usage and generate insightful reports.
- **Tech Stack:** ASP.NET MVC, MSSQL, Web API, JavaScript.

Analytics Dashboard for License Usage
- Created an interactive **dashboard with visual analytics** to monitor software license utilization.
- **Tech Stack:** ASP.NET Core MVC, JavaScript, **Syncfusion** (charts & graphs), MySQL.

Resource Management System
- Built a full-stack **task and resource management** system to streamline project workflows.
- **Key Features:** JWT-based authentication, task assignment, priority tracking, deadlines.
- **Tech Stack:** ASP.NET Web API, Angular, PostgreSQL.

SKILLS

Backend Technologies   ASP .NET Core, ASP.NET MVC, Web API, WinForms, ADO.NET, Microservices
Frontend Technologies   React, Angular, TypeScript, HTML, CSS
Databases   SQL Server, MySQL, PostgreSQL, MongoDB
Cloud Services   AWS, Amazon S3, Amazon VPC, Microsoft Azure, Amazon EC2
AI and Automation   NLP, Deep Learning