

Ritesh Kumar

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PROFESSIONAL SUMMARY

Results-driven **.NET Fullstack Developer** expertise and **4 years** of experience building and maintaining enterprise-grade web applications using **.NET 8, ASP.NET Core, and .NET Framework 4.8**. Hands-on experience integrating **Generative AI** solutions – including **Azure OpenAI Services, GitHub Copilot, and Microsoft 365 Copilot** – into active SDLC workflows to improve developer productivity, code quality, and delivery efficiency. Proficient in **Web API, Entity Framework, LINQ, and SQL Server**. Skilled in front-end technologies including **React, Angular, TypeScript, and JavaScript**. Experienced with **CI/CD pipelines** using **Azure DevOps and GitHub**, with hands-on expertise in **Microsoft Azure** services and application monitoring. Proficient in **prompt engineering, Generative AI application development, and AI-assisted development** practices. Strong collaborator in **Agile/Scrum** cross-functional teams, focused on delivering scalable, high-quality, AI-augmented solutions.

WORK EXPERIENCE

SafeSend (Acquired by Thomson Reuters)

Software Engineer L3

Remote, India

Jan 2024 – Present

- Developed and maintained **full-stack applications** using **.NET 8, ASP.NET Core, microservices, React with Redux, and SQL Server**
- Optimized frontend and backend** components, improving **page load time by 30%** through scalable design patterns; leveraged **GitHub Copilot** for AI-assisted refactoring and performance analysis, accelerating optimization cycles
- Integrated **GitHub Copilot** and **Microsoft 365 Copilot** into the team's daily development workflow for **code generation, debugging, code reviews**, and technical documentation, contributing to faster feature delivery and reduced review turnaround time
- Utilized **Azure OpenAI Services** and **prompt engineering** techniques to prototype AI-assisted document parsing workflows, improving accuracy of automated data extraction from tax return forms processed via **iTextSharp** and **Aspose.PDF**
- Developed and maintained **CI/CD pipelines** using **Azure DevOps** for automated deployments across multiple environments (Dev, QA, Staging, Production)
- Oversaw sprint deliverables**, conducted **code reviews**, and provided **technical mentorship** to team members on AI-assisted development practices and Copilot adoption
- Resolved **production incidents** with average resolution time of **2 hours**, implementing monitoring improvements using **Azure Application Insights** and **Azure Dashboards**
- Technologies:** .NET 8, ASP.NET Core, C#, React with Redux, TypeScript, SQL Server, Azure (DevOps, Service Bus, Blob Storage, OpenAI Services), Microservices, GitHub Copilot, Microsoft 365 Copilot, iTextSharp, Aspose.PDF, SonarQube, Snyk, Git

Deutsche Telekom Clinical Solutions India Private Limited

Junior Software Engineer

Pune, Maharashtra, IN

Jan 2023 – Dec 2023

- Collaborated with **cross-functional teams** developing new features for **Trial-Complete clinical trial** management platform serving **100+ clients**
- Optimized backend services** and database queries reducing **API response latency by 80%**; applied **AI-assisted development** practices using **GitHub Copilot** for intelligent code suggestions during query optimization and refactoring tasks
- Applied **prompt engineering** with **ChatGPT** and **LLM-based tools** to accelerate technical documentation, unit test generation, and root cause analysis for production issues
- Implemented code revisions, **refactoring**, and quality improvements throughout SDLC using **Agile/Scrum** methodology
- Developed **unit and integration tests** ensuring software integrity across Dev, QA, and Production environments
- Technologies:** C#, .NET Core, ASP.NET Core, Angular 16+, TypeScript, PostgreSQL 14, GitHub Copilot, TFS, SonarQube, REST APIs

GoKloud Software Solutions Private Limited (Deutsche Telekom Client)

Software Engineer Intern

Pune, Maharashtra, IN

June 2022 – Jan 2023

- Contributed to **full-stack development** of Trial Science platform for **DICOM medical image analysis** (CT scans, ultrasounds)
- Worked with development team building application **from scratch**, implementing features and resolving bugs
- Technologies:** C#, .NET Core, ASP.NET Core, Angular 18+, TypeScript, PostgreSQL 14, Git

AI TOOLS & COPILOT EXPERIENCE

- **Copilot Tools:** GitHub Copilot (code generation, debugging, code reviews), Microsoft 365 Copilot (documentation, productivity workflows)
- **AI & Cloud Services:** Azure OpenAI Services, Azure AI, ChatGPT / LLMs
- **AI Development Practices:** Prompt Engineering, Generative AI, AI-assisted Development, AI-driven Productivity Optimization
- **SDLC Integration:** Copilot-assisted feature development, AI-enhanced code reviews, developer enablement

TECHNICAL SKILLS

- **Generative AI & LLMs:** Azure OpenAI Services, GitHub Copilot, Microsoft 365 Copilot, ChatGPT, Prompt Engineering, AI-assisted Development, LLM Integration, Generative AI Application Development
- **Backend Development:** C#, .NET 8, .NET Core 6/8, .NET Framework 4.8, ASP.NET Core, Web API, LINQ, Entity Framework, REST APIs, Redis, Microservices, Monolithic Architecture
- **Frontend Development:** React, Redux, Angular, TypeScript, JavaScript, HTML5, CSS3, Bootstrap
- **DevOps & Cloud Platforms:** Microsoft Azure (Key Vault, Application Insights, Load Balancer, Managed Identity, Azure Cache for Redis, Azure Containers, Blob Storage, OpenAI Services), Azure DevOps, IIS, GitHub Actions, CDN
- **Cloud Monitoring:** Azure Dashboards, Application Insights
- **Databases:** SQL Server, PostgreSQL, MySQL, Redis
- **Version Control:** Git, GitHub, GitLab, TFS
- **Testing & API Tools:** SonarQube, Postman
- **Architecture & Patterns:** SOLID Principles, OOP, MVC, MVVM, Dependency Injection, CI/CD Pipelines

PROJECTS

SafeSend Suite - Tax Automation Platform

Thomson Reuters

- **Purpose:** Automate tax filing process for CPAs (Certified Public Accountants) in the US and other countries, streamlining e-filing, document delivery, and client communication
- Developed **full-stack microservices** solution using **.NET 8**, **React with Redux**, and **SQL Server** for enterprise-scale tax workflow automation
- Built integrations with major tax software platforms (**ProSystem**, **UltraTax**, **GoSystem**, **Lacerte**) using **iTextSharp** and **Aspose.PDF** for automated form processing
- Implemented **Azure-based architecture** leveraging Service Bus, Blob Storage, and Redis for secure document management and inter-service communication
- Achieved **30% performance improvement** through frontend/backend optimization; used **GitHub Copilot** for AI-assisted code generation and review, and established **CI/CD pipelines** via **Azure DevOps**

Influrion Solutions – Global Software Development Website | *influrion.com*

Personal Project

- Designed and developed a **global software development company website** offering custom software, **SaaS MVPs**, e-commerce, and **React.js** web application services for startups, SMBs, and enterprises
- Built end-to-end using modern frontend technologies with a focus on **performance**, **SEO optimization**, and **responsive design** for international clients

Personal Portfolio Website | *resume.influrion.com*

Portfolio

- Designed and deployed a **hypermodern personal portfolio** on a custom subdomain, built with **Typescript**, **Tailwind CSS**, and **Framer Motion**; hosted on **Hostinger** with custom domain configuration

EDUCATION

Dr. A. P. J. Abdul Kalam Technical University

Bachelor of Technology in Computer Science Engineering – 7.0 CGPA

Lucknow, Uttar Pradesh

July 2018 – July 2022

ACHIEVEMENTS & CERTIFICATIONS

- **Microsoft Copilot: The Art of Prompt Writing** – LinkedIn Learning
- **Microsoft Azure Essentials** – Microsoft
- **First Place** – Safesend Technologies BugBash Event 2024-2025
- **Governor's Award** for Scout and Guide