

Rinkesh K Vansfoda

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Summary

Software Developer with 2+ years of experience designing, developing, and deploying 20+ scalable web applications. Experienced in full-stack development, RESTful APIs, and modern frameworks including React, Angular, and .NET. Improved page load times by 40% through front-end optimization and increased backend performance by 30% using efficient database queries and caching strategies. Proficient in Agile development practices and Git-based version control, with a focus on writing clean, maintainable, and scalable code to support business-critical applications.

Education

Sarvajanik College of Engineering and Technology, Surat, Gujarat, India

July 2019 - Jun 2023

• B. E./B. Tech in Computer Engineering

H.M.B Sardar Higher Secondary School, GSEB HSC, Surat, Gujarat, India

Mar 2018 - Mar 2019

• Physics, Chemistry, Mathematics

Experience

Guj Info Petro Ltd

Gandhinagar, India

Junior Software Engineer

Feb 2024 – Present

- Designed and maintained .NET / .NET Core government applications (HRMS, Attendance, Education), supporting 5,000+ users.
- Implemented a school selection system for 300+ schools and automated reporting using ASP.NET + SSRS (PDF/Excel/Word), reducing manual effort by 60%.
- Enhanced SQL Server performance through SSMS-based indexing and query tuning, improving response times by up to 50%.
- Contributed to monolithic and microservices architectures, improving scalability and reducing latency by 30%.
- Partnered with clients and Agile teams on requirements gathering, demos, and iterative delivery, improving sprint velocity and delivery accuracy.
- Assisted in cloud deployment concepts and CI/CD workflows to support application delivery.

Freelancer

Sept 2023 – Present

Software Developer | Automation & Data Solutions

- Engineered a Chrome Extension integrated with the ChatGPT API, enabling real-time NLP-based communication and improving user productivity by 25% while reducing response time by 40%.
- Created Python-based web scraping and automation solutions using BeautifulSoup, Flask, and Pandas to extract real-time data from two production websites.
- Architected an end-to-end data pipeline to centralize, clean, and sync data to Excel (VBA) and cloud storage (OneDrive), ensuring 99% data accuracy and reducing manual effort by 60–70%.

Specstem Digital Pvt. Ltd.

Surat, India

Backend Developer

Nov 2023 – Jan 2024

- Developed a TypeScript-based job tracking system aggregating listings from 5+ platforms into a unified, searchable application.
- Designed and implemented backend filtering algorithms for 1,000+ daily job posts while managing MySQL databases, increasing user engagement by 35%.
- Optimized backend APIs and database queries, reducing average response time by 40% in an Agile development environment.

Inkey IT Solutions Pvt Ltd

Surat, India

Microsoft Dynamics 365 CRM & PowerApps

Feb 2023 - Jun 2023

- Delivered low-code business applications with Microsoft Power Apps to automate internal workflows, reduce manual steps, and improve productivity across departments.
- Configured and implemented Microsoft Dataverse for secure data storage and retrieval, enabling structured form handling and scalable data management for multiple business processes.
- Designed and integrated Power Automate flows to streamline cross-application business logic and connected custom Dynamics 365 CRM entities, forms, and relationships in Dataverse.
- Supported client implementations using Canvas Apps and Model-Driven Apps, enhancing user interface experiences and contributing to enterprise CRM and digital transformation initiatives with improved data accessibility and usability.

Technical Skills

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, SQL, PHP, C#

Developer Tools and Frameworks: ReactJS, NodeJS, REST API, PostgreSQL, SQLite 3, MySQL, SSMS(SQL Server Management Studio), Django, Flask, Agile Development, TypeScript, Postman, Selenium, Git, Eclipse, IntelliJ IDEA, VS Code, Visual Studio, Microsoft Dynamics 365 CRM, Microsoft Power Apps, .NET, .NET CORE

Cloud & DevOps: AWS fundamentals (EC2), REST API deployment, CI/CD pipelines, Docker & containerization, Git-based version control & deployment, Azure DevOps, TFS.