

Prathamesh Shingan

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EXPERIENCE

Software Engineer	Dec 2024 - Present
<i>MRI Software</i>	Pune
<ul style="list-style-type: none">(Continuation of the same project after MRI Software acquired the Capita project portfolio.)Modernized the Non-Domestic Rates (NDR) module and dashboards post-acquisition.Migrated legacy SOAP APIs to REST APIs, improving interoperability and reducing response latency by 20%.Integrated REST APIs with a React-based frontend, improving usability, responsiveness, and client experience.Collaborated with cross-functional teams to align legacy Capita codebases with MRI's architecture and standards.Technology Used: C++, .NET, ASP.NET, WinForms/WPF, SSRS, Ingres DB, REST APIs, React.	
Associate Software Engineer	Aug 2023 - Dec 2024
<i>Capita Software Services</i>	Pune
<ul style="list-style-type: none">Led development of the Generic Mandatory Relief feature in the NDR module, used by 100+ UK local authorities. Automated processes reduced manual workload by 40% and improved speed by 30%.Built a real-time NDR Management Dashboard in .NET, improving reporting efficiency by 25% and supporting data-driven council decisions.Developed Bash-based file integrity verification and checksum systems to ensure version control and reliability in Linux environments.Integrated financial summaries and payment insights covering £4.8B+ in collections, improving transparency and accuracy.Technology Used: C++, .NET, ASP.NET, WinForms/WPF, SSRS, Ingres DB, OpenRoad.	
Freelance - Web Developer	Jan 2023 - July 2023
<i>Arush Enterprises</i>	Pune
<ul style="list-style-type: none">Developed a full-stack inventory management system for medical stock tracking, automating order and inventory processes to improve efficiency.Built a dynamic ReactJS-based UI, with MongoDB for database management and Node.js + Express for a scalable backend.	
Software Engineering Intern	Mar 2022 - Sep 2022
<i>Qualys Security</i>	Pune
<ul style="list-style-type: none">Worked in the CyberSecurity Asset Management (CSAM) team on asset visibility and risk assessment features.Developed and optimized microservices using Java and Spring Boot, improving data ingestion and processing pipelines. Collaborated with senior engineers to integrate external attack surface data.	

PROJECTS

AI-Powered Data Insights Platform | *Reactjs, Nextjs, PostgreSQL, Azure*

- Developed a highly responsive and user-friendly platform in React and Next.js, enabling users to upload and query files to obtain data insights, which resulted in a 30% reduction in manual data analysis time.
- Implemented **debouncing and throttling** strategies to optimize API interactions, reducing unnecessary network calls by 50% and enhancing performance.
- Managed complex state management using **Redux** and integrated real-time data pipelines for fast and accurate insights.

TECHNICAL SKILLS

- Languages:** C/C++, C#, TypeScript, JavaScript, SQL
- Frameworks/Libraries:** .NET Framework, ASP.NET, React.js, Node.js, Tailwind, MySQL, HTML5, CSS3
- Tools & Concepts:** REST APIs, SSRS, Bash, Git, Agile/Scrum
- Soft Skills:** Communication, Teamwork, Problem Solving, Time Management, Adaptability

EDUCATION

Pimpri Chinchwad College of Engineering

Bachelor of Engineering

Pune

Aug 2018 - Jun 2022