

NITIN G. RAHANE

Full-Stack Developer | Web Development | ReactJS | .NET | Azure

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Versatile and multi-tasking professional targeting senior assignments within **IT sector** to deliver quality work in a reputed organization for mutual growth.



PROFILE SUMMARY

- ❖ **Dynamic Full-Stack Developer** with over 10 years of experience building cloud-native applications and microservices using React, .NET Core, and Azure, driving business value through scalable and efficient solutions.
- ❖ **Skilled in collaborating with global, cross-functional teams** in remote and hybrid work environments, leveraging tools like Azure DevOps, Git, and collaborative platforms to ensure seamless communication, productivity, and high-quality deliverables.
- ❖ **Proficient in frontend development**, specializing in designing reusable components with React and integrating advanced visualization tools like Chart.js and Kendo Charts for data-driven decision-making.
- ❖ **Backend and API Expert**, skilled in crafting secure and high-performance RESTful APIs, optimizing databases with MongoDB and SQL Server, and leveraging Redis for enhanced caching and scalability.
- ❖ **Technical Leadership experience**, mentoring cross-functional teams, fostering a quality-focused development culture, and managing enterprise-level projects for global clients like Microsoft and Digital Juice Inc.
- ❖ **Accomplished Innovator**, reducing operational costs by 30% through the successful migration of AG-Grid to TanStack Table and implementing predictive flight-swapping algorithms to cut delays by 15%.
- ❖ **Cloud Integration Specialist**, adept at deploying applications using Azure Kubernetes Services, improving scalability, and ensuring seamless system performance for high-traffic enterprise applications.
- ❖ **Global Collaborator**: Adept at collaborating with international clients, including Microsoft, Digital Juice, BCG, and Lutron, managing projects **across diverse geographies such as Europe and the US**, and ensuring exceptional **service delivery beyond India**.
- ❖ Proven acumen in **requirement analysis, design, and development**, including writing SQL queries, coding, and creating APIs for enterprise applications, analytics dashboards, and data-driven platforms across various industries.
- ❖ **Agile Integration Specialist**: Proficient in seamlessly integrating Agile methodologies like Scrum into project management frameworks, driving iterative development cycles and enhancing project efficiency.
- ❖ **Risk Management Strategist**: Proven track record in identifying, assessing, and mitigating project risks, utilizing strategic risk management strategies to maintain project momentum and minimize disruptions.



CORE COMPETENCIES



Risk Assessment & Mitigation



Web Development Lifecycle



Requirement Gathering & Analysis



Cross-functional Coordination



Stakeholder Management



Strategic Planning & Implementation



Process Optimization



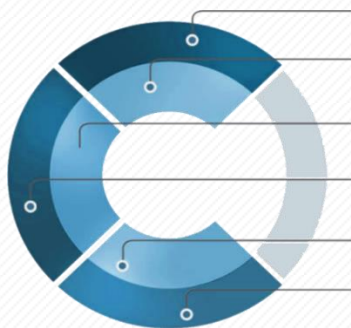
Technical Documentation



Project Management & Execution



SOFT SKILLS



Motivator

Collaborator

Communicator

Innovator

Team Building

Problem-Solver



EDUCATION

- ❖ **2013:** Masters (Computer Science) | Pune University
- ❖ **2011:** Bachelors (Computer Science) | Pune University



IT SKILLS

- ❖ **Technology:** .NET Framework, ASP.NET, MVC
- ❖ **Languages:** C#, JavaScript, TypeScript, Python
- ❖ **Frontend:** React, Redux, MUI5, Angular, Storybook, Fluent UI
- ❖ **Backend:** .NET Core, Web API, Nodejs, ASP.NET MVC, Node.js
- ❖ **Visualization:** Chart.js, Kendo Charts, Recharts
- ❖ **Databases:** SQL Server, MongoDB, Elasticsearch, Redis
- ❖ **Cloud Technologies:** Azure, Amazon S3 Web Services
- ❖ **Tools:** Visual Studio, VS Code, SQL Server Management Studio, Git
- ❖ **Frameworks & Libraries:** Nest for Elasticsearch, Ag-Grid, TanStack Table, TanStack Virtual, TanStack Query



CAREER TIMELINE





AWARDS & ACCOLADES

- ❖ Substituted the **expensive Ag-Grid React library with TanStack Table V8**, reducing licensing costs by 30% for over 20 customers while preserving performance and ensuring a smooth migration of existing functionalities.
- ❖ **Received the Employee of the Month award** at Digital Juice Inc., Bengaluru, for outstanding contributions to project delivery and technical excellence.
- ❖ **Gained client recognition** for implementing innovative tools to optimize cloud storage, automating file cleanup processes, and achieving significant cost savings and enhanced operational efficiency.



WORK EXPERIENCE

May'22-Till Date: Nagarro Enterprise Services Pvt Ltd, Pune, India as Staff Engineer

Role:

- ❖ **Developing robust technical solutions** for enterprise-level clients, ensuring product development aligns with business objectives and industry standards.
- ❖ Performing comprehensive **requirement analysis, risk assessments, and technical architecture** design to guarantee scalable implementations aligned with client goals.
- ❖ **Overseeing full-cycle project management** by planning, estimating efforts, tracking milestones, and coordinating across functions for seamless execution.
- ❖ Analyzing and **enhancing existing systems** to boost efficiency and performance, leveraging cutting-edge technologies for maximum ROI.

Highlights:

- ❖ Designed a **robust component framework using React and MUI5**, reducing reliance on costly external libraries and **achieving an \$80k** annual cost saving while enhancing feature scalability.
- ❖ Pioneered **custom analytic displays with Chart.js**, addressing key sales forecasting challenges and delivering impactful results within six months of launch.
- ❖ Developed predictive flight-swapping algorithms, cutting operational **delays by 15% and overall costs by 20%** through advanced scheduling analytics.
- ❖ **Built secure RESTful APIs** and backend integrations with MongoDB, Redis, and .NET Core, improving data handling efficiency and system reliability across enterprise platforms.
- ❖ **Replaced AG-Grid React components** with custom TanStack Table solutions, eliminating licensing costs and enabling enhanced product customization.
- ❖ **Optimized scheduling UI designs**, significantly reducing user load times and boosting system responsiveness and satisfaction.
- ❖ Showcased predictive analytics capabilities through the **integration of React with Chart.js**, empowering clients with forward-looking insights.
- ❖ Enhanced **data retrieval performance by 30%** through the design of scalable RESTful APIs in .NET Core.
- ❖ **Incorporated Redis** for caching, achieving faster backend response times in high-traffic applications.

Feb'20-Jan'22: Harman Connected Services, Bengaluru, India as Technical Lead – Product Developer

Highlights:

- ❖ Directed the **development of Microsoft's internal delivery management** tool, Virtuoso, by implementing key features such as Program View, RAID Log, and Reviews to enhance project management efficiency.
- ❖ Spearheaded **improvements in Virtuoso functionalities**, such as Program View and RAID Log, enabling efficient tracking solutions for over 5,000 Microsoft professionals across projects.
- ❖ **Crafted a robust UI and backend framework** for JSON parsing and validation using React and .NET Core, cutting development time by 30% and improving code maintainability.
- ❖ **Designed optimized and reusable UI components**, increasing development velocity by 40%, enabling the launch of three additional features within a single sprint cycle, and boosting project scalability.
- ❖ Streamlined workflows through **advanced design patterns and cloud services, including Azure**, to enhance application performance and reliability.
- ❖ **Mentored the team in ReactJS and Redux**, boosting delivery speed and adaptability; received formal recognition from Microsoft for contributions to project success.
- ❖ **Orchestrated rigorous testing phases** across multiple departments, identifying and resolving critical issues, leading to the deployment of high-quality applications and eliminating three major performance crash causes.
- ❖ Developed **secure backend services using .NET Core and Azure**, ensuring high reliability and performance in enterprise-level applications.

Nov'14-Feb'20: Digital Juice Inc., Bangalore, India as Software Engineer

Highlights:

- ❖ Spearheaded the **development and maintenance of the Juice World Store**, creating an intuitive platform for users to purchase, organize, and filter digital content seamlessly.
- ❖ Enhanced **advanced search functionality** by integrating Elasticsearch and Redis, improving content retrieval speed by 40% and increasing user engagement.
- ❖ Developed and maintained **high-performance APIs using C#.NET**, driving a 20% improvement in user engagement metrics.
- ❖ Designed **Elasticsearch-powered search algorithms**, reducing content discovery time by 40% and improving user satisfaction.
- ❖ Led a team in **developing a robust Q&A framework**, enabling moderated question-and-answer interactions to enrich user experience.



ANNEXURE (PROJECTS UNDERTAKEN)

Project Title: Lutron Web Ecosystem (Client – Lutron)

Period: Aug 2024 – Present

Project Description: Developed the backend infrastructure for Lutron's web ecosystem, streamlining data flow from CSV/Excel files into SSOT and DPL layers via microservices. Built Angular-based dashboards for real-time visualization and decision-making.

Technologies Used: Angular, .NET 8, CosmosDB, Microservices Architecture, Azure Kubernetes Services (AKS), Azure Container Registry, Application Insight.

Project Title: Airlines Domain (Client – BCG)

Period: May 2022 – Aug 2024

Project Description: Designed and delivered airline scheduling solutions using predictive algorithms and data visualization tools to optimize schedules and minimize flight cancellations.

Technologies Used: React.js, MUI5, TanStack Table, TanStack Query, Storybook, ChartJS, Python, NodeJS, MongoDB

Project Title: Virtuoso (Microsoft)

Period: Feb 2020 – Jan 2022

Project Description: Developed modular UI components and backend services to improve feature delivery timelines for Microsoft's enterprise project management platform.

Technologies Used: React.js, Redux, Knockout.js, Ag-Grid, Kendo charts, C#.Net, T-SQL, Redis, MVC, .NET Core, Web API, Azure

Project Title: Juicy World Store

Period: Nov 2014 – Feb 2020

Project Description: Spearheaded the development of an online store platform, facilitating user engagement with a seamless interface that allowed for content viewing, purchasing, and personalized organization across 1,000+ items.

Technologies Used: Angular, T-SQL, C#.NET, HBase, Redis, Elasticsearch, MVC, Amazon S3 SDK



PERSONAL DETAILS

Address: Pune, India

Languages Known: English, Hindi, Marathi