

# Rangasai Kumbhashi Raghavendra

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## SUMMARY

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Software Engineer with experience in developing SaaS applications and infrastructures for both cloud and on-premise ecosystems, using monolith and microservice architectures. Committed to leveraging software development and infrastructure expertise to drive innovation and support strategic objectives.

## TECHNICAL SKILLS

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**Languages:** C#, TypeScript, Python, Erlang, C, C++, PowerShell, SQL, Bash, Tailwind CSS, Java, Go, Power Fx  
**Frameworks and Tools:** Microservices, Angular, NgRx, .NET Core, Node.js, Express.js, Elasticsearch, Kibana, Kafka, RabbitMQ, Redis, Docker, Kubernetes, OpenAPI, Azure, AWS, React, jQuery, Flask, PyTorch, SharePoint  
**Databases:** SQL Server, PostgreSQL, Cassandra, MongoDB, Dataverse, Microsoft Excel  
**APIs and Protocols:** REST, SOAP, WebSocket, GraphQL  
**Platforms:** Unix, Git, SVN, Jira, Azure DevOps, Render, Microsoft 365, Power Platform, Copilot Studio, Figma

## WORK EXPERIENCE

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### Software Development Engineer Intern

*Motorola Solutions*

May 2025 – August 2025

*Remote, New Jersey, United States*

- Provided additional user features for Dispatchers and First Responders by introducing Read Receipts into a microservice-based messaging application built using Angular, TypeScript, and .Net Core, and used across desktop systems and handheld devices by over a million users.

### Principal Infrastructure Engineer

*Mphasis (Client: UCB Bio-Pharma)*

November 2022 – August 2024

*Bengaluru, Karnataka, India*

- Automated ticket management in a service portal by developing a bot in C# for Microsoft Teams using Azure Functions, Power Automate, and Power Virtual Agents.
- Built custom UI components using TypeScript inside PowerApps that later became the de facto standard for usage during development at the organization.
- Enabled secure access to Microsoft Dataverse tables in Power BI by architecting a Web API connection using Service Principals via Azure AD, avoiding reliance on user accounts, enhancing security, and ensuring compliance.
- Created Power BI reports for Microsoft HoloLens device analytics, tracking non-compliance, session duration, and other key metrics to support better device management.
- Reduced costs and improved efficiency by replacing 3rd party applications with in-house solutions using Power Apps, Power Automate flows, and SharePoint Online.

### Associate - Projects

*Cognizant (Client: Bayer Crop Science)*

October 2021 – October 2022

*Bengaluru, Karnataka, India*

- Developed an API in C to extract image location coordinates to help on-field agricultural surveillance experts save time by not having to type their locations manually.
- Created complex questionnaires using Microsoft Power Apps, Power Automate, and Dataverse, enhancing survey accuracy and efficiency.
- Managed ETL pipelines using Dataverse Dataflows to efficiently transfer data between environments.

### Information Technology Analyst

*NTT Data (Client: Tokio Marine Kiln)*

August 2018 – September 2021

*Bengaluru, Karnataka, India*

- Developed a course-tracking application on Microsoft SharePoint 2016 using Bootstrap-CSS and ReactJS to monitor employee training records.
- Integrated and optimized applications with MuleSoft via REST API and JSOM, written in JavaScript and C#.
- Automated deployment and hotfix processes using PowerShell scripts, streamlining release cycles.
- Enhanced and maintained ASP.NET applications by implementing new features and fixing bugs, improving application performance and user satisfaction.

## EDUCATION

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**Stevens Institute of Technology**  
*Masters in Computer Science (GPA: 3.9)*

Hoboken, New Jersey, United States  
*August 2024 – Present*

**KSSEM (affiliated to Visvesvaraya Technological University)**  
*Bachelor of Engineering in Electronics and Communication (GPA: 3.5)*

Bengaluru, Karnataka, India  
*August 2014 – June 2018*

## CERTIFICATIONS

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- Microsoft Certified: Software Development Fundamentals (MTA 98-361)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Microsoft Certified: Azure AI Fundamentals (AI-900)

## PERSONAL PROJECTS

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**Chess.com AI Assistant** | *.Net Core, TypeScript, PostgreSQL, Angular, LLM*

- An AI-based app that provides suggestions to improve an individual's performance in games on Chess.com, based on their monthly archives.

**Course Tracker** | *React.JS, Express.JS, Node.JS, MongoDB, Render*

- Full Stack Web application to search and manage the catalog of courses, built on REST API.