

Rangasai Kumbhashi Raghavendra

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SUMMARY

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

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
Platforms: Unix, Git, SVN, Jira, Azure DevOps, Render, Microsoft 365, Power Platform, Copilot Studio, Figma

WORK EXPERIENCE

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

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

- 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

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.