

Rangasai Kumbhashi Raghavendra

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SUMMARY

Software Engineer with experience in developing SaaS web 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, PowerShell, SQL, Bash, Tailwind CSS, Power Fx

Frameworks and Tools: Microservices, Angular, NgRx, .NET Core, Node.js, Express.js, Elasticsearch, Kibana, Kafka, RabbitMQ, Redis, Docker, Kubernetes, OpenAPI, Azure SignalR, Azure Event Hub, Azure Service Bus, Azure Bot Services, Azure AI Foundry, React, jQuery, PyTorch, SharePoint

Databases: SQL Server, PostgreSQL, Cassandra, MongoDB, Dataverse, Microsoft Excel

Platforms: Git, SVN, Jira, Azure DevOps, 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 – December 2025

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

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.

QnA Bot | *Python, PyTorch*

- Built a Question-Answering Bot using BERT model, trained on the SQuAD Dataset, with PyTorch.