Rangasai Kumbhashi Raghavendra

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EDUCATION

Stevens Institute of Technology	Hoboken, New Jersey, United States
Masters in Computer Science (GPA: 3.9)	*August 2024 – December 2025*
KSSEM (affiliated to Visvesvaraya Technological University)	Bengaluru, Karnataka, India
Bachelor of Engineering in Electronics and Communication (GPA: 3.5)	*August 2014 – June 2018*

TECHNICAL SKILLS

Languages: C#, TypeScript, Python, Erlang, C, PowerShell, SQL, Bash, HTML, CSS, Power Fx

Frameworks and Tools: Microservices, .NET Core, Node.js, Express.js, Elasticsearch, Kibana, Kafka, RabbitMQ, Redis, 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

EXPERIENCE

Software Development Engineer Intern	May 2025 – August 2025
Motorola Solutions, Inc.	*New Jersey, United States*

- Provided additional user features for Dispatchers and First Responders by integrating Read Receipts into a microservice-based messaging application used across desktop systems and handheld devices.

Senior Principal Infrastructure Engineer	November 2022 – August 2024
Mphasis (Client: UCB Bio-Pharma)	*Bengaluru, Karnataka, India*

- Automated ticket management in the service portal by developing a bot for Microsoft Teams using Power Virtual Agents, Power Automate, and Azure Functions with C#, streamlining operations.
- Helped maintain custom UI components built using TypeScript.
- 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	October 2021 – October 2022
Cognizant (Client: Bayer Crop Science)	*Bengaluru, Karnataka, India*

- Built an API in C# to extract image location coordinates, hosted on Azure App Service.
- 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	August 2018 – September 2021
NTT Data (Client: Tokio Marine Kiln)	*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.

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

Inventory Management | *React.JS, Express.JS, Node.JS, MongoDB, Heroku*
- Full Stack Web application to search and manage the catalogue of items, built involving REST API.

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