

Rangasai Kumbhashi Raghavendra

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EDUCATION

Stevens Institute of Technology

Masters in Computer Science

Hoboken, New Jersey, United States

August 2024 – Current

KSSEM (affiliated to Visvesvaraya Technological University)

Bachelor of Engineering in Electronics and Communication

Bengaluru, Karnataka, India

August 2014 – June 2018

TECHNICAL SKILLS

Languages: Power Fx, Java, Python, C#, C, JavaScript, TypeScript, PowerShell, Bash, SQL, HTML and CSS

Frameworks: jQuery, React, Node.js, Express.js, PyTorch, Flask, Bootstrap, Kendo UI

Databases: SQL Server, PostgreSQL, MongoDB, SharePoint, Dataverse, MS Excel

EXPERIENCE

Senior Principal Infrastructure Engineer

Mphasis (Client: UCB Bio-Pharma)

November 2022 – August 2024

Bengaluru, Karnataka, India

- Reduced costs and improved efficiency by replacing 3rd party applications with in-house solutions using power apps, power automate flows, and SharePoint Online.
- Enabled secure access to 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.
- Automated ticket management in the service portal by developing a bot for MS Teams using Power Virtual Agents, Power Automate, and Azure Functions with C#, streamlining operations.
- Created Power BI reports for HoloLens device analytics, tracking non-compliance, session duration, and other key metrics to support better device management.
- Helped maintain custom UI components built using TypeScript.

Associate - Projects

Cognizant (Client: Bayer Crop Science)

October 2021 – October 2022

Bengaluru, Karnataka, India

- Built an API in C# to extract image location coordinates, hosted on Azure App Service.
- Created complex questionnaires using 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 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.

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

CERTIFICATIONS

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