

Deep M. Mehta | Full Stack Software Developer

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Redmond, WA

EDUCATION

North Carolina State University, Raleigh, NC

Master of Computer Science, Aug 2022 - May 2024

GPA: 4.0/4.0

K J Somaiya College of Engineering, Mumbai, India

Bachelor of Technology in Computer Engineering, Aug 2015 - May 2019

GPA: 9.1/10.0

SKILLS

Languages: C#, Java, Python, Ruby, Javascript, SQL

Web & Mobile: Angular, React, Android (XML, Java), React-Native, Ruby on Rails, Django

Cloud: Azure, AWS, Firebase

Azure: App-Service, Functions, AD, KeyVault, APIM, SQL, CosmosDB, Queue, Redis, IoT-Hub, App-Gateway, Load-Balancer, VNet, VPN, Storage, Cognitive-Services, FHIR

DevOps: Azure-DevOps, GitHub Actions, Terraform, ARM-Templates, Ansible, Kubernetes

WORK EXPERIENCE

Software Engineer, Microsoft, Redmond, WA

June 2024 - Present

- Experiences + Devices organization

Software Development Engineer Intern, Amazon, Seattle, WA

May 2023 - Aug 2023

- Full stack software development – Mobile App (React Native), Backend APIs (Java), Cloud (AWS)
- Integrated AWS Textract-powered OCR feature into mobile app, reducing manual effort for 50K+ monthly active users by 85% and enhancing operational efficiency

Technology Consultant, Microsoft, Hyderabad, India

Jul 2019 – Jul 2022

- Full stack software development – Web Apps (Angular, React), Backend APIs (C#, Java), Cloud (Azure)
- IoT – Healthcare customer, utilized Azure FHIR, IoT Hub, Functions, App Service to develop a fully functional IoT based platform for researchers to collect and analyze data from participant Fitbit devices
- Cloud Governance – Banking customer, secured their cloud infrastructure with Azure Policy. Led a team for 18 months and my efforts were recognized in the form of Spark award for a successful delivery
- DevOps – Automation pipelines with Azure-DevOps and GitHub Actions. Continuous Integration, Deployment, Quality, Security and Operations. Developed IPs, hosted masterclasses to educate and sell to customers
- Infrastructure – Infrastructure as code with ARM-Templates and Terraform to deploy resources to cloud
- Scripting – Extensive scripting with Ansible, PowerShell and Unix Shell to automate configurations
- Certifications – Azure Solutions Architect, Azure DevOps Engineer, Kubernetes Certified Application Developer
- Awards – Best Consultant 2021, Spark Award 2021, Super Rookie 2020

PROJECTS

Generative AI: Designed and implemented an innovative GitHub bot, harnessing the capabilities of advanced Language Models (LLMs), to automate the generation of Continuous Integration (CI) workflows within GitHub, enhancing efficiency and productivity. [github.com/apps/devops-llm-bot]

Azure Cloud Solution: Engineered an ultra-secure password management solution leveraging Azure's cutting-edge security and networking capabilities, incorporating Azure AD, Azure KeyVault, Azure VNet, and Azure APIM, to ensure top-notch data protection and access control.

DevOps: Created an IP solution bridging Azure DevOps' library group features with GitHub Actions, widely adopted across large Microsoft projects, and available on GitHub Marketplace as an open-source tool.

Mobile App: Won first prize in an app development marathon for Oncue, a groundbreaking Android reminder app that utilizes Bluetooth to trigger reminders based on vicinity of a person, amassing over 500 downloads on Google Play Store.