



Deep M. Mehta (he/him/his)

Full Stack Software Developer |
Cloud & DevOps Engineer

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PERSONAL PROFILE

Graduating May '24 and actively seeking full-stack software developer positions to leverage my 3+ years of experience and expertise in cutting-edge technologies.

AWARDS



Spark Award
Microsoft - 2021



Best Assoc. Consultant
Microsoft - 2021



Winner - CodeAdventure
App Dev Marathon
Somaiya - 2017

EDUCATION

North Carolina State University, USA | MCS

Aug 2022 - May 2024 [CGPA: 4.0/4.0]

K. J. Somaiya College of Engineering, India | B.Tech CE

Aug 2015 - May 2019 [CGPA: 9.1/10.0]

PROJECT SHOWCASE



DevOps LLM Bot | GitHub App

[OpenAI GPT, Azure Function, Probot]

- 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)



Password Manager | Azure Cloud Solution

[C#, Blazor, Azure, DevOps]

- 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.



Set-Variable | GitHub Action

[YAML, Powershell, 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.
(github.com/marketplace/actions/set-variable)



Oncue - Reminder App | Android App

[Java, XML, SQL, Facebook Graph]

- Won first prize in an app development marathon for Oncue, a groundbreaking Android reminder app that utilizes Bluetooth to trigger location-based reminders, amassing over 500 downloads on Google Play Store (play.google.com/store/apps/details?id=com.codeadventure.oncue)

EXPERIENCE



May 2023 - Aug 2023 (Internship)

Amazon | SDE | Seattle, WA
[Java, React-Native, AWS]

- 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.



July 2019 - July 2022 (Full-Time)

Microsoft | Technology Consultant | Hyderabad, India
[C#, Java, Angular, React, Azure, DevOps]

- 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

TECHNICAL SKILLS

[C#]	[Angular]	[React]	[GitHub-Actions]
[Java]	[Android]	[Azure]	[Azure-DevOps]
[Python]	[Ruby on Rails]	[Firebase]	[Ansible]
[Javascript]	[Django]	[AWS]	[Kubernetes]

CERTIFICATIONS



Azure Solutions
Architect



DevOps
Engineer



Kubernetes
Application
Developer



Leadership
Development
Program - NCSU

HOBBIES



Trekking



Travel



Volley Ball



Badminton



Reading