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Deep M. Mehta (he/him/his)

Full Stack Software Developer |
Cloud & DevOps Engineer

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👤 PERSONAL PROFILE

Passionate about cloud solutions development, mobile app development and DevOps.
Detail-oriented and organized professional with creative mindset and strong technical abilities.

🏆 AWARDS

Spark Award
Microsoft - 2021

Best Assc. Consultant
Microsoft - 2021

Winner - CodeAdventure
App Dev Marathon
Somaiya - 2017

🎓 EDUCATION

◯ North Carolina State University, US | MCS
2024 (Active)

◯ K. J. Somaiya College of Engineering, India | B.Tech CE
2019 [**CGPA:** 9.12/10]

♟ PROJECT SHOWCASE

Password Manager | Azure Cloud Solution
[C#, Blazor, Azure, DevOps] - Aug 2021

- This application securely stores passwords using the most sophisticated security mechanisms provided by Azure.
- Azure components include Azure AD, Azure KeyVault, Azure VNet and Azure APIM

Good Open Source Repo | Software Engineering
[Open-Source, SE] - Oct 2022
(github.com/CSC510-Group-5/URL-Shortner)

- This project demonstrates important aspects and components of a good open source repository including but not limited to README, license, guidelines, automations and documentation.

Set-Variable | GitHub Action
[YAML, Powershell, DevOps] - Nov 2020
(github.com/marketplace/actions/set-variable)

- This IP replicates the library groups functionality of Azure DevOps to GitHub Actions, which is not available natively in GitHub.
- This has been used on multiple large projects within Microsoft.
- This is added to GitHub Marketplace for anyone to use.

Oncue - Reminder App | Android App
[Java, XML, SQL, Facebook Graph] - Sep 2017
(play.google.com/store/apps/details?id=com.codeadventure.oncue)

- First Prize in app marathon competition.
- Reminder app with a twist, it detects people around and allows you to set reminders based on vicinity of a person using bluetooth.
- 500+ Downloads on google play store.

💼 EXPERIENCE

July 2019 - July 2022 (Full-Time)
Microsoft | Technology Consultant
[C#, ASP.NET, Angular, React, Java, Azure, DevOps]

- **Azure Cloud Solutions:** Developed Azure cloud solutions with front-end web applications using Angular, React and back-end APIs using C#, Node JS.
- **Cloud Governance:** Implemented cloud governance using Azure Policy for a large banking customer to secure the banking cloud infrastructure. Lead the offshore development team while working with customer for 18 months. Received accolades for a successful delivery by Microsoft.
- **Monitoring Clinical Research Data:** Developed an IoT based solution using Azure components including FHIR and IoT hub for a healthcare customer which was used by researchers to retreive and analyse participants data from wearable devices.
- **DevOps:** DevOps implementation for cloud solutions, including automating the build, test, deployment, security and operations. **DevOps**
- **Dojo:** Contributed as a core team member of the DevOps Dojo initiative at Microsoft where I was involved in DevOps IP development, conducting masterclasses for employees and customers resulting in customer acquisition and increased azure consumption revenue.

January 2018 - March 2018 (Internship)
Eloquent Techart Pvt Ltd. | Android Developer
[Java, XML, Node, Firebase, Adobe XD]

- **Healthcare Industry:** Developed a healthcare app for clinics using Android (Mobile App), SQL (DB), Java (APIs). Integrated functionality of document scanning using OpenCV.
- **Utlity Industry:** Developed a utility app for fishermen using Android, NoSQL, Firebase which was used to automate the calculation of daily wages of fishermen

🔧 TECHNICAL SKILLS

[AZURE CLOUD]	[DEVOPS]	[ASP.NET C#]
[ANDROID]	[ANGULAR JS]	[SQL]
[JAVA]	[REACT JS]	[IOT + CLOUD]
[PYTHON]	[KUBERNETES]	[RUBY ON RAILS]

📇 CERTIFICATIONS

Azure Solutions Architect

DevOps Engineer

DevOps Dojo GreenBelt Coach

Kubernetes Certified Application Developer

❤ HOBBIES

Trekking

Travel

Volley Ball

Badminton

Reading