

DIKSHA

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WORK EXPERIENCE

Associate Consultant

Microsoft

📅 July 2017- Present

📍 Hyderabad, India

Back-end engineer with experience in **Azure** and developing applications to drive digital transformation for multi million dollar engagements.

<For a detailed overview of personal work / accomplishments, please consider dropping an email.>

Internships:

- Oil and Natural Gas Corporation (ONGC): Built an application to generate SAP ABAP List Viewer (ALV) Report by retrieving data from multiple tables using F4 help object to select records.
- HCL Infotech Limited: Developed a web application prototype to make searching for nearby places like hospitals easy. A search provides the top 20 nearest results with Address, Local Phone Number and International Phone Number for the selected category.

PUBLICATIONS

📄 [Bentham Science Journal](#) : [A Two-tier Security Solution for Storing Data Across Public Cloud](#)

PROJECTS

Link to the source code of the projects: [GitHub](#)

- SafeBox: An application to allow users to securely share data across the cloud storage platforms by implementing access controls on shared data. The solution implements improved AES File Encryption and SHA-256 hash algorithm.
- Smart Bin (Hackathon Project): An IoT based solution on RaspberryPi for Reap Benefit, a Bangalore based NGO to resolve problems related to garbage collection and segregation. Implemented shortest path first algorithm on the data and distance collected using Google Maps API for the waste collection trucks to save fuel and clear more bins in less time.

OTHER ACTIVITIES

Position Of Responsibility

- CS Department Lead - Training and Placement Cell (IGDTU): Facilitated the placement of 300+ students as the head student coordinator.
- Founder - CodeBenders (Programming Club- IGDTU): Founded the first programming club at university with the aim to encourage peers to contribute to open source projects and participate in programming challenges. From 0 teams at ACM-ICPC, university eventually had 5+ teams appearing for regionals every year.

Volunteer Experience

Google Code-In: Mentored 13 to 18 year-old kids to open source for documentation / outreach with Syssters.

SKILLS

Languages: C/C++, C#, TypeScript, Python

Database: SQL, CosmosDb

Web: Angular with Redux (Level 2/5)

MICROSOFT CERTIFICATIONS

Az-203 : [Microsoft Certified: Azure Developer Associate](#)

Az-400 : [Microsoft Certified: DevOps Engineer Expert](#)

EDUCATION

B. Tech. in Computer Science

Indira Gandhi Delhi Technical University for Women (IGDTU)

Percentage: 79.74 📅 2017

Grade 12

Ahlcon Public School, Delhi, India

Percentage: 89.25 📅 2013

Grade 10

Bal Bhavan Public School, Delhi, India

CGPA: 10/10 📅 2011

AWARDS



Google Anita Borg Memorial Scholarship- 2016

One of the **50** scholarship recipients of this prestigious scholarship from **Asia- Pacific**. The scholarship is awarded based on a candidate's academic performance, leadership skills and community involvement.



Google Travel Grants

A fully- sponsored opportunity to attend the Grace Hopper Conference in Orlando, Florida in 2017 and in Bangalore, India in 2016.



Inspiring women in Technology

Felicited by **Accenture** on the occasion of International Women's Day 2017 for empowering women in the community.

CONNECT

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Website | Blog: <http://diksha-rathi.github.io>

OTHER INTERESTS

Long distance runner and cross-fit enthusiast