

MEGHAKSH BRAHMBHATT

42, Ushanagar Society, Gotri Road,

Vadodara, Gujarat, India – 390 021

Phone: +91 81410 95085

Email: meghaksh4footprints@gmail.com

Portfolio: <https://meghaksh.github.io/portfolio/>

LinkedIn: <https://www.linkedin.com/in/meghakshb/>

EDUCATION

Master of Applied Computer Science (MApCompSc)

January 2021– Current

Concordia University,

Montreal, Quebec, Canada.

Bachelor of Engineering (B.E.), Computer Science & Engineering

July 2014 – April 2018

The Maharaja Sayajirao University of Baroda (NAAC Grade ‘A’)

First class with distinction (GPA 3.7/4.0)

Higher Secondary Certificate (HSC)

May 2014

Gujarat Secondary & Higher Secondary Education Board, Gandhinagar

Percentile Rank: 99.44

Secondary School Certificate (SSC)

March 2012

Gujarat Secondary & Higher Secondary Education Board, Gandhinagar

Percentile Rank: 99.89

PROFESSIONAL EXPERIENCE

Systems Engineer

June 2018 – April 2020

Infosys Limited, Mysore, India

- Worked as a front-end developer using tools/frameworks such as Adobe Experience Manager (AEM) and angular.js for the telecom client based in Switzerland. (Liberty Global – UPC CH)
- Developed various Augmented Reality based Android and iOS applications like Set-top Box Self-Installation AR application, Router Instruction Manual AR application with Technical Remote Assistance using Vuforia Chalk, Foreign language detection & translation AR application using Unity3D with Vuforia and Wikitude Augmented Reality SDKs.
- Developed Mixed Reality based Infosys Digital Store on Microsoft HoloLens using Unity3D with Microsoft Mixed Reality Toolkit.
- Developed React application to detect custom objects using Tensorflow’s Object Detection API.
- Developed AR, MR based Social Lobby Android application using Unity3D, Vuforia, UNet for networking, Agora for Real-Time Voice Communication, Augmenta & Manomotion for hand gestures. Used this application on Aryzon 3D Augmented Reality Headset.
- Developed Virtual Reality based Infosys Digital Store using A-Frame, three.js, SteamVR on HTC Vive. Enhanced the user experience by integrating with Tap keyboard and Voice commands.

Projects & Internships

Student Intern

May 2017 – May 2018

The Maharaja Sayajirao University of Baroda, India.

- Developed Audit Management System for the university using ASP.NET, ADO.NET frameworks and MS SQL Server for database management. This web application is currently live on the university intranet being used by staff members for billing and auditing purposes. (Final year project)
- Developed Meeting Management System for the staff members of the university using ASP.NET, ADO.NET, and MS SQL Server.
- File Management Simulation in Java: Pre-final year GUI & Java project on simulation of how files and folders are created, stored, and modified in computer memory.

Extra-Curricular & Service Activities

Event Coordinator

July 2014 – June 2018

FootPrints – National Level Technical Event

- Led more than 150 budding engineers to organize a national level technical event with Guinness World Record and Limca Book of Records certificate for the largest Paper Bag as well as patronage from UNESCO, South Asia Youth Environment Network(SAYEN), Centre for Environment Education(CEE), Make in India & Skill India.
- Invited well-known personalities as keynote speakers from various fields. The list includes Dr. Henry Throop (Program Officer, NASA), Dr. Roel Vertegaal (Director at Human Media Lab), Meetul Patel (COO – Microsoft India), A S Kiran Kumar (Former ISRO chairman), Dr. Casey Handmer (Levitation Engineer at Hyperloop One) and many more.
- Adopted two primary schools in rural parts of Gujarat, India. Taught Mathematics & Science to more than 300 students from these schools.
- Developed event website for three consecutive years, organized technical events and hackathons related to the computer science department and managed regional and national level electronic and press media conferences. Also administrated the social media handles as part of the business & promotions team.
- Worked with designing & content teams to create artifacts such as posters, brochures, flyers, hoardings, blogs using tools such as Adobe Photoshop and Adobe Illustrator.

Event Coordinator & Web Developer

TEDx – Sayajigunj

- Independently organized TED event in my city with 10 speakers from various fields.

PR Representative

BAPS Swaminarayan Sanstha – Religious and Social Organization affiliated with United Nations

Technical & Personal Skills/Interests

- Programming Languages: Java, HTML, CSS, JavaScript, C#, Python.
- Software & Tools: Adobe Experience Manager, Adobe Photoshop, Adobe Illustrator, Unity3D Game Engine, Vuforia AR Toolkit, Wikitude AR Toolkit, Microsoft MR Toolkit, Blender, Visual Studio
- Technical Interests: Web development, Graphic Designing, Computer Graphics, Computer Vision, Human-Computer Interaction, Augmented Reality, Virtual Reality, Mixed Reality, Wearable Technologies, Gesture Interaction
- Languages: English (IELTS Band 8), Hindi, Gujarati, French (Beginner).
- Hobbies: Solo Travel, Photography, Food Exploration, Backpacking, Reading, Gaming.