

AAKASH MEHTA

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WORK EXPERIENCE

Associate Software Engineer, Tech Mahindra

Sept 2024 - Present

- Under Probation – Participated in comprehensive training covering **Agile, Software Testing, Cloud Computing, SQL, etc.** enhancing foundational knowledge in Development and Testing.

SDE Intern, Spade Infotech Pvt. Ltd.

June'2023 – July'2023

- Worked on Sections of Live Projects to ensure a more attractive and user-friendly experience meeting the client's requirements.
- Developed a Human Resource Management System (HRMS) for the organization for easy on-boarding of new employees using **Angular, .NET 6.0 and SQL**.

EDUCATION

Jaypee institute of Information Technology – Noida

Sept 2020 – May 2024

B. Tech (Electronics and Communication Engineering)

CGPA: 7.1/10

St. Marks Senior Secondary Public School – New Delhi

April 2019 – Jul 2020

Class XII, CBSE

Percentage: 82.2%

St. Marks Senior Secondary Public School – New Delhi

April 2017 – Mar 2018

Class X, CBSE

Percentage: 80.8%

SKILLS

Languages: C/C++, JavaScript, SQL, HTML/CSS, Python

Tech-stacks: Node.js, React, Angular 16.0

Tools: MS-Office Suite, MS SQL Server, Power BI, Git

Soft Skills: Team Work, Communication, Leadership, Management

ACADEMIC PROJECTS

Shopping Point

Dec 2023 – April 2024

- Developed an E-commerce website with personalized login experience using **ReactJS and NodeJS**, enabling users to securely login using **Google AUTH** and manage their accounts with 0% discrepancy, and add products to their cart for a seamless shopping experience.
- Utilized **SQL** database integration along with **REST API** within the project to securely store user data, ensuring data integrity and privacy by 50% throughout the shopping process.

Text to 2D and 3D Image (Major Project)

Sept 2023- Jan 2024

- Developed a system leveraging **StackGANs and Dream Fusion models** to generate rich and coherent 2D images from text descriptions, showcasing **advanced text-to-image synthesis** capabilities.
- Extended text-to-image synthesis to 3D modeling, overcoming challenges like occlusions and fine-detail preservation to create detailed and **realistic 3D models** for applications in virtual reality and digital content creation.

Vacation Email Replier

Oct 2023 – Nov 2023

- Designed and Developed a tool that checks your Gmail inbox using **Google-API** and responds to the new emails without prior replies that the user is on vacation.
- An add-on to this is that the emails are neatly organized with custom label.

IOT based Virtual Doctor Robot

May 2023 – June 2023

- Designed a four-wheel-drive robot integrating **IoT** and remote access, achieving **40% enhanced connectivity and 97% accurate temperature** measurement using NodeMCU ESP8266, L298N motor driver, MLX90614 IR sensor, and Blynk IoT.

ACHIEVEMENTS

- Top 5 at **AICTE workshop of VLSI and 5G** for IOT Based Virtual Doctor robot.
- Achieved SQL 50 and 200 Coding Questions on LeetCode