

KEERTHANA. M. S

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Computer science undergrad with a passion for learning new technologies, especially in the areas of AR, cloud computing, and data science. Consistently upskilling myself in these fields and am eager to apply my skills in a data science role.

EDUCATION

SJB Institute Of Technology <i>B.E in Computer Science & Engineering</i>	Bengaluru CGPA 8.7	2020-2024
Vidyaniketan Pre-University College <i>12th grade</i>	Bengaluru Percentage 85%	2018-2020
Narayana e-Techno School <i>10th grade</i>	Bengaluru Percentage 88.2%	2017-2018

SKILLS AND INTERESTS

Technical Skills: Data Structures & Algorithms | C/C++ | Python | Java | SQL | Augmented Reality | Data mining | Data warehousing | HTML | CSS | JavaScript | React | git/GitHub | Microsoft Azure | Data Visualisation | GCP

PROJECTS

CourierFlow Optimization Suite

- Developed a sophisticated courier management system utilizing HTML, CSS, JavaScript, Bootstrap, Apache Server, and MySQL database. Implemented advanced algorithms and real-time GPS tracking to streamline the delivery process and optimize routes
- The product combined front-end and back-end technologies to deliver an efficient and effective solution for courier management

AutoValue Predictive Intelligence

- Developed a predictive model for automobile price prediction using Microsoft Azure. Implemented machine learning algorithms and utilized big data tools such as Azure Machine Learning and Azure HDInsight for data analysis
- The model was trained on a large dataset to accurately predict the prices of automobiles based on various factors

Snapchat Lenses

- Utilized computer vision and ML techniques for real-time image procession, facial tracking, and 3D modeling to enhance user experience

Atom Valency Visualization

- Utilized the concepts of computer graphics and visualization, where I used GLUT libraries to show the motion of atoms for the first 10 elements in the periodic table, this same project can be extended to all 118 elements too.

Flappy Bird Android Game

- Using Android Studio, and Java I built the classic Flappy Bird game which is extensively used by all, this game allows us to move the bird between the poles and increase the points. This game is built moderately difficult and has the capacity to have 10,000 users playing at the same time.

WORK EXPERIENCE

Google Developer Student Clubs-LEAD	Bengaluru	<i>Jul 23- Jun 24</i>
<ul style="list-style-type: none">Taught Flutter & GCP to over 150 participants. Organized hackathons, workshops & technical talks during my tenure.		
Under25-Augmented Reality Intern	Bengaluru	<i>May 22- Jan 23</i>
<ul style="list-style-type: none">AR Lens Builder with 3 million views on Snapchat. Led workshops for 120+ students. Experienced in Lens Studio and AR technology.		

CERTIFICATES

- TCS iON Edge young-professional certificate
- Microsoft Azure AI Fundamentals
- Azure data fundamentals explore core data concepts
- Azure fundamentals Describe cloud concepts
- Exploring networking with Cisco Packet Tracer
- AWS database certificate and ML foundation certificate

OTHER ACHIEVEMENTS

- First place in Dynapreneur:** A State level competition held at SJBIT
- Second place in TCS TechBytes:** TCS in collaboration with the Gov. of India, a National Level Competition.