

Resume- Sanjayprasad H S

BRIEF PROFILE

An Engineer with 9 months of work experience - currently pursuing Management education (MBA) at MICA, Ahmadabad.

Work experience: Worked for **9 months** in **Deloitte consulting** as IT consultant.

Management: MBA / PGDM-C at **MICA**, Ahmedabad. Joined in Jun 2021.

Engineering: **BMS College of Engineering**, Bangalore - Mechanical Engineering, CGPA 7.55

College Education: Sri Kumaran's P U college, Bangalore - PCMB - Overall 87%, PCM 95.3%

Secondary Education: Sri Kumaran's Childrens home, Bangalore. ICSE - 90% in 10th exam

Primary Education : Yokohama International School (YIS), **Tokyo**, Japan

WORK EXPERIENCE

Was with Deloitte consulting from Sep 2020 till Jun 2021. During this period I worked as IT Consultant.

I worked on a Data migration project for a US large bank. The project involved the data mapping, moving data to second system after testing the workflows. Worked on ETL area with Informatica data base and Snowflake system. I was also involved in company initiatives.

- I was involved in testing work flows, correcting the mistakes and retriggering the flows to target system.
- Participated in in-house Hackathon and got fifth place
- My idea was selected for 'IDEAS' - a company initiative for improving the workplace. Had just started working on in-house chat application using MERN stack.

ABOUT MYSELF

Achievements

- ✓ Believed in creativity and practicality in learning subjects. Did a lot of projects on my learning
- ✓ Presented a paper in an International conference held in Mumbai in Jan 2020
- ✓ Conversion of existing IC engine vehicle to an *electric vehicle*
- ✓ Had put up a stall in *Maker Fair* - Bangalore - showcasing my work (Humanoid robot, 3D art, Tactile pen)
- ✓ Have given *presentation* on my work - in an event organised by Microsoft.
- ✓ Have worked as an intern with *XVIDIA Technologies* - on design and development of Robots.

Computer expertise

- ✓ *Programming* on hardware - done Raspberry PI programming on my project.
- ✓ Have worked on making simple *web server* - which is used in my project
- ✓ Good in Basic *Python* programming. Have used in my project.
- ✓ Used application software - Pepakura, Solid works, Mesh-lab, Blender, Unity for my projects.
- ✓ Love programming. Have developed simple games.

Personal Traits

- ✓ Self-motivated and Drive for excellence
- ✓ Committed, hardworking and result oriented.
- ✓ Leading teams - allocate work, direct and monitor progress of work, take team together.
- ✓ Effective communications Skills.

Interests

- ✓ Like running - Pursuing training for full Marathon run
- ✓ Like swimming. Swim occasionally
- ✓ Love computer games
- ✓ Like debates on various topics. Was a group lead / member - representing college in youth parliament session.
- ✓ Interested in learning and emerging technologies in various fields.

Languages

- ✓ Read: English, Kannada, Hindi
- ✓ Write: English, Kannada, Hindi
- ✓ Speak: English, Kannada, Hindi, Tamil.

PROJECTS

Following is the brief of projects done during my engineering.

- ✓ **Telepresence Robot:** Built a humanoid robot (nick named as BROBOT) using cost effective simple material like paper, bicycle cables and basic electronics. This robot has multiple degrees of freedom. It was showcased at Maker fair.
- ✓ **Sentry robot with Computer vision:** This robot was built with Cardboard and paper - with a electronics built into it. This robot had a camera mounted - which transmitted the pictures to computer. This robot was showcased in college. This project also involved image processing. I have done the basic image processing programming and arduino & Raspberry PI programming
- ✓ **Tactile pen:** This is a writing pen for blind people. This was made with commonly available - cost effective material like velcro, paper and wool. Made couple of sets of this and gave it to rotary club - for distributing it in school for blind.
- ✓ **Security robot:** The robot was designed and developed when I was an intern. This was intended to monitor some specific area - transmit pictures. The movements and actions of it was controllable using a remote computer. I was leading a six member team. All the robot projects involved arduino & Raspberry PI programming.
- ✓ **Conversion of IC engine vehicle to an electric vehicle:** An old van was bought and was converted to an electric vehicle. This involved procurement of multiple items - like motor, battery. This was showcased in college. Four of friends started this project. I was leading the project.
- ✓ **Developed and built a half working Axial flux PM BLDC motor::** I used multiple youtube tutorials ,DIY guides from instructables and a few actual blueprints from a hobby project to build this motor. Also ordered very strong neodymium magnets and copper coil to build out the motor. Decided to

used a fiberglass, Epoxy rotor stator. Project only partially succeeded due to constraints on money.

- ✓ **Modelling:** This was one of the first project I started. Many 3D models - Art work - was made. Using software like Pepakura the design was done. All the models were done using paper. Some of the models developed were - Stag, Wolf, Steel Man helmet. These were showcased in Maker fair exhibition.
- ✓ **Released an app to the Playstore :** This project was built with flutter. It was a preliminary exploration where I used elements to display fruits and their details. The app is still on the google playstore with the Name of Fruit-Pedia by Edxperimental labs.
- ✓ **Game development:** A game named doodle Jump was developed using UNITY game development software. It involved some programming in C#.
- ✓ Some of the other projects that I have done: Making Jansen Linkages in paper to try and make a paper strandbeest -robot.
- ✓ **Multiple Web3 Hackathons :** participated in multiple web3 hackathons (eth global , devpost , encode). Won the pool prize under the polygon sponsor , in the “ Road to Web3 Hackathon” and won the best social app sponsor prize for another hackathon .
- ✓ **Experimented and tried out creating NFTs** on the Solana network called CryptoCOmps. [currently in deep storage because we underestimated the marketing needed to launch an NFT project]
- ✓ **Worked on TechnologyDao.xyz , CollabDocs.com and a series of AI startup Ideas::** A startup aimed at onboarding people onto web3 and becoming the largest DAO in the web3 space.
<https://collabdocs-v2.vercel.app/>