Sahil Hussain
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B.Tech.(CSE)	National Institute of Technology Arunachal Pradesh	9.05 (Aggregate)	2021-25
Senior Secondary	Govt. Higher Secondary School, Roing(CBSE)	92%	2020
Secondary	Divine Word School, Roing(CBSE)	93.2%	2018

EXPERIENCE

- **Indian Oil Corporation Ltd.** *Dec 2023 - Jan 2024*
  SDE Intern Guwahati
  – Developed an ML model for real time speech recognizing using python,built using whisper model by openai.
  – Used sumy library to summarize the generated text and create a text file.
  – Use of pytorch, vosk, ntlk etc.,and integrated the model with GUI which email's the text file to registered mail id's

PROJECTS

- **Silver Heights Engineering Consultants** *Dec. 2023 - Mar. 2024*
  Next.js, Typescript, Tailwind, Javascript, Firebase, Hostinger, vercel, MongoDB.
  – Team project for a client, for a Dubai based Engineering consultant company with CRUD operations.
  – Developed a website where user can register and get expert assistance for building several infrastructure.

- **E-commerce Website** *Mar. 2024 - Ongoing*
  Next.js, Typescript, Tailwind, Javascript, Firebase, React js, vercel, MongoDB.
  – Template based front-end engine, with custom backend built on top of MongoDB.
  – Developed a website where user can register and search for items, filter the search results, add and remove items to and from the cart, manage offers etc.

- **Sign Language Translator** *Mar. 2024 - May 2024*
  Deep Learning, Tensorflow.
  – Designed a model that translates sign language in real-time by capturing video input.
  – TensorFlow's object detection and image classification features is used to accurately identify intricate hand signs.

TECHNICAL SKILLS

- **Programming Languages**: C, C++, Python, Java.
- **Developer Tools**: Git/GitHub, Linux, VS Code, Jupyter Notebook, PyCharm, Bootstrap.
- **Web Development**: React.js, Node.js, Express.js, JavaScript, HTML, CSS, Tailwind, Next js.
- **Databases**: mySQL, MongoDB.
- **Machine Learning and AI**: Tensorflow, pytorch, pandas, seaborn, sci-kit learn, deep learning,numpy etc.

COURSEWORKS

- **CS Fundamentals**: Computer Networking, DBMS, OOPs, Operating System, Data Structures, Algorithms.
- **Maths and Others**: Discrete Math, Optimization Methods,Theory of Computation, Digital Logic Design, Compiler Design, System Software, AI and Machine Learning.

CERTIFICATION COURSES

- **Mastering Data Structures and Algorithms Using C and C++**,Udemy *may 2022 - July 2023*
- **Machine Learning Fundamentals**,IIT Kanpur *June 2023 - Jul 2023*

POSITIONS OF RESPONSIBILITY

- **Secretary**,Coding Pundits, Coding Club - NIT AP *July. 2023 - Present*
- **Event Coordinator**,Addovedi, TechFest - NIT AP *Oct. 2023 - May 2024*

ACHIEVEMENTS

- **ZS Campus Beats**,Tech Challenge - Secured 11th rank out of 1000 teams participated, Rank 1 in College. *2024*
- **Runner Up**,Computex Cup - Coding challenge held at Techfest of NIT AP *2022*
- **Nation Building**,Case Study Challenge - Was among the top 100 teams and participated in Zonal finals. *2023*
- **AISSCE**,Standard XI - Secured 3rd rank in State and 1st rank in district. *2019*