Suhaas Rao Badada

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EDUCATION

Indiana University Bloomington   Aug 2024 - May 2026
Masters in Computer Science   *CGPA - 4 / 4*

Vellore Institute of Technology   Jul 2019 - May 2023
Bachelors of Technology in Computer Science and Engineering   *CGPA - 8.69 / 10*

TECHNICAL SKILLS

Programming Languages: C++ , Python , C# , Java , GoLang , Typescript
Frameworks: Flask , ASP.NET , Angular , Gin , Langchain
Database: SQL , MongoDB , Firebase
Machine Learning & AI: Machine Learning, Data Science , Prompt Engineering
Tools: Git , SQL Server Management Studio , PowerBI , Azure ML Studio
Certifications: Python for DS and ML, Angular and ASP.NET core, Docker and Kubernetes

EXPERIENCE

Becton Dickinson   Bengaluru , India
Data Science Intern   *Jan 2023 – Jun 2023*

- Engineered a customer engagement analytics platform for personalized product recommendations, leveraging machine learning for data-driven insights. Projected 15% lesser expenditure by focusing campaigns and events based on customer engagement levels and sales revenue boost of 20%.
- Conducted rigorous data exploration, analysis, and validation to ensure data accuracy and reliability of more than 2 million records.
- Streamlined data integration from 5+ sources to identify key performance indicators (KPIs) for effective customer segmentation and modeling.
- Researched and implemented "Next Best Action" strategies to optimize business outcomes and enhance recommendation effectiveness.

Becton Dickinson   Bengaluru , India
Software Development Engineer Intern   *May 2022 – Jul 2022*

- Designed and implemented a user-friendly portal enabling administrators to execute SQL queries for in-depth analysis of the formulary database, resulting in analysis results being delivered approximately 30% faster due to streamlined permissions.
- Collaborated with cross-functional teams located across the USA and Chandigarh.

PROJECTS

Am I Okay (MLH Hoya Hacks Winner)
Python, Machine Learning, Flask, HTML, CSS, Google Cloud API

- Engineered a Machine Learning based software that predicts diseases based on symptoms, provides details, recommends medication, and offers location of the nearest top rated super specialty hospitals that treat it.
- Evaluated and compared over 7 classification algorithms to determine the best performing model.

ResuSight
Flask, Strawberry GraphQL, MongoDB, OpenAI, Langchain

- Developed an innovative interview preparation platform, leveraging OpenAI via Langchain which facilitates detailed resume analysis and generates customized interview questions based on resumes and job descriptions.
- Aimed at helping candidates focus their efforts efficiently and save precious time.

VocabCards
Angular, ASP.NET, SQL, MaterialUI, Firebase, Azure

- Created a personalized vocabulary learning platform for GRE aspirants, a full stack project, incorporating progress tracking features and gamified elements.
- Led to 30% weekly new user registrations and positive feedback from 90% of participants during user testing.

PUBLICATIONS

"Predicting Cardiovascular Disease (CVD) Risk Over Time Utilising Multifaceted Health and Lifestyle Parameters", International Journal of Science and Research, 2023