

VARUN PRASANNAN

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SUMMARY

Dynamic team player and dedicated problem solver with a profound passion for data science and back-end development. Possess a keen interest in data engineering and machine learning, coupled with an openness to explore opportunities in web development. Committed to driving impactful solutions and pushing the boundaries of technological innovation.

Interests: AI/ML, Backend Development, Data Science, AR/VR, Game Development, UI/UX

WORK EXPERIENCE

AFour Technologies Pvt. Ltd. (Software Developer Intern) March 2023 – Present

Project: Snowflake Accelerator (Python, Streamlit, Data Visualization)

- Developed various functionalities with exclusive access to the company's Snowflake data files.
- Created visually engaging charts and visualizations using Matplotlib, Altair to display usage statistics.
- Transformed raw usage data into meaningful graphs, charts, and diagrams that provide users with insights into their account's activity.

Project: AFrosty - AI Chatbot for your databases (Python, Streamlit, Snowflake, OpenAI API, GenAI)

- Led the Proof of Concept (PoC) with access to the company's private data and developed a chatbot which will answer questions based on your database by extracting metadata from the database such as table names, number of columns, etc.
- This project will help developers to generate sql queries just by using natural language and will also fire the generated query and generate results in the user interface.

Project: Snowflake - Google Sheets Connector (Python, Streamlit, Snowflake API)

- Developed an application which will push data from your personal google sheet file into your Snowflake database at regular intervals defined by the user.
- This project will enable users to use the data for various visualizations using snowflake and also secures the data in your Google Sheet files by backing up into the Snowflake Data Warehouse.

Intoit Solutions Pvt. Ltd. (Web Development Trainee) December 2021 – July 2022

- Designed and developed the company's official website, showcasing a comprehensive grasp of modern web technologies utilizing HTML, CSS, and Javascript to craft a robust foundation, ensuring an intuitive and responsive user interface.
- Implemented dynamic features and interactive elements with React, elevating the website's functionality and user experience.
- Employed TailwindCSS and Bootstrap to streamline the styling process, ensuring a polished and visually appealing design.
- Collaborated closely with cross-functional teams to gather requirements and incorporate feedback, ensuring alignment with company branding and objectives.
- Employed best practices in web design, such as responsive design principles, to guarantee optimal user experiences across various devices.
- Engaged in continuous learning and exploration of emerging technologies, staying at the forefront of industry trends to enhance the website's design and performance.

EDUCATION

Bachelor's of Engineering in Information Technology Pune, India
Pimpri Chinchwad College of Engineering 2019–2023
CGPA : 9.61/10

TECHNICAL SKILLS

- Languages:** Python; C++; Java; SQL; HTML; CSS; JavaScript
- Frameworks:** Flask(REST); Django; Streamlit; OpenCV
- Database:** Snowflake; MySQL; NoSQL, MongoDB
- Skills:** Data Visualization; Git; Snowsql; UNIX; Docker; RESTful; UI/UX; Test Driven Development

CERTIFICATIONS AND COURSES

- Responsive Web Design: [freecodecamp](#)
- Snowflake Essentials - [Data Warehousing](#), [Data Applications](#), [Data Sharing](#), [Data Engineering](#), [Data Lake](#)
- Python: Coursera - University Of Michigan
- IIT Spoken Tutorial: C Programming, Git Training