

VARUN PRASANNAN

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EDUCATION

Bachelor 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:** MySQL; NoSQL, MongoDB
- **Skills:** Data Visualization; Git; Snowflake; POSIX(UNIX); Docker; RESTful; UI/UX; Test Driven Development

WORK EXPERIENCE

AFour Technologies Pvt. Ltd. (Software Developer Trainee) March 2023 - Present

- Created various **Flask** apps and **Streamlit** using Python
- Understood **REST api** concepts and development
- Performed data analytics on big data streamed through Snowflake and created various visualizations

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

- Part of the **Web development** and IT team.
- Designed the [official website](#) for the **company** and developed various features including payment gateway integration and online shop setup.

PROJECTS

AFrosty - An AI Chatbot for your databases (Python, Streamlit, Snowflake, OpenAI API, GenAI)
Developed a chatbot which can answer questions based on a particular database by automatically extracting metadata from the database such as table names, number of columns, etc. This project will help novice developers to generate sql queries just by using natural language and will also fire the generated query and generate results in the user interface.

Snowflake Accelerator (Python, Streamlit, Snowflake API)
Developed a Streamlit project that is a powerful tool designed to seamlessly connect with your Snowflake account, offering valuable insights and visualizations on credit usage and related metrics. With its user-friendly interface, it empowers users to efficiently monitor and optimize resource consumption, enhancing overall data management and decision-making within the Snowflake data platform.

Snowflake - Google Sheets Connector (Python, Streamlit, Snowflake API)
Developed a Streamlit 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 secure the data in your Google Sheet files by backing up into the Snowflake Data Warehouse

Gaming For the Specially Able (Python, Streamlit, Snowflake API)
Led a team of three and developed a game controlling mechanism with Python and OpenCV, helping the physically challenged to play games with ease.

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

EXTRA CURRICULAR AND HOBBIES

- Aakaar Charitable Trust (NGO): Engaged in awareness initiatives
- TOYCATHON 2021: Grand Finalist
- PCCOE IEEE STUDENT BRANCH: Treasurer, Social Media Handler and Video Editor
- IEEE Eureka: Conducted an online session in four schools with over 160 students in attendance
- Interests: AI/ML, Backend Development, Data Science, AR/VR, Game Development, UI/UX
- Hobbies: Football, Tennis, Video Editing