Varun Prasannan

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SUMMARY

A dedicated professional with over **2 years** of experience, I am eager to contribute to the fields of Software Engineering, Machine Learning, and Data Science. My background in these areas equips me with the skills and insights to drive innovation and solve complex technical challenges.

TECHNICAL SKILLS

Languages: Python; C++; **Java**; SQL; HTML; CSS; **JavaScript**
Technologies: Azure, **Docker**, React.js, Streamlit, Django, Flask, **Bootstrap, Docker**, Snowflake, MySQL, PostgreSQL, MongoDB, Git/GitHub, **SpringBoot, Jenkins**
Concepts: Web App Development, **Linux/UNIX**, Operating System, Artificial Intelligence, **NoSQL**, Machine Learning, **REST APIs**, DBMS, Agile Methodology

EXPERIENCE

Tech Mahindra
Associate Software Engineer
Mar 2024 – Present
Pune, Maharashtra

- Earned certifications including Microsoft Power BI PL-300 and Microsoft Azure Developer DP-203, enhancing my expertise in data visualization and cloud solutions..
- Gained hands-on experience with various programming languages and frameworks.
- Led a project focused on data analytics, applying advanced data processing techniques to derive actionable insights.

AFour Technologies
Software Engineer Intern
Mar 2023 – Mar 2024
Pune, Maharashtra

- Led the development of three key projects: Snowflake Accelerator, AFrosty: AI Chatbot for Databases and Snowflake - Google Sheets Connector.
- Combined efforts projected a collective improvement of approximately **25-30%** in various operational metrics, including efficiency gains in decision-making, time saved in query formulation, and streamlined data utilization processes.

Intoit Solutions
Web Development Intern
Dec 2021 – Jun 2022
Pune, Maharashtra

- Designed and developed the company's official website, with modern web technologies utilizing HTML, CSS, and Javascript to craft a responsive user interface.
- Employed responsive design using **TailwindCSS and Bootstrap** to streamline the styling process, ensuring a polished and visually appealing design to guarantee optimal user experiences.

PROJECTS

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.

Snowflake Accelerator | *Python, Streamlit, MatplotLib, Altair, Data Visualization*

- Developed an **interactive dashboard** with company's exclusive Snowflake data stats access, enabling comprehensive insights for data-driven decision-making.
- Utilized **Matplotlib and Altair charts** to craft visually compelling charts and visualizations, leveraging exclusive Snowflake data for enhanced clarity and engagement.

EDUCATION

Pimpri Chinchwad College of Engineering
Bachelor of Engineering in Information Technology (CGPA: 9.61 / 10.00)
Jun 2019 - Jul 2023
Pune, Maharashtra