

Vani Magadum

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SUMMARY

Dedicated and detail-oriented Computer Science Engineering student with a solid foundation in **software development, data structures, and algorithms**. Proficient in multiple **programming languages** and experienced in developing **efficient, scalable solutions**. Demonstrated ability to work both independently and collaboratively in team environments. Eager to leverage academic knowledge and practical **skills in a dynamic and challenging role** within the **tech industry**.

SKILLS

- **Programming Language:** Python, Java, C, C++.
- **Data Analysis:** Pandas, NumPy.
- **Web Development:** HTML, CSS, JavaScript.
- **DataBase Management:** SQL.
- **Testing Frameworks:** Selenium
- **Operating Systems:** Windows, Linux(Ubuntu).

WORK EXPERIENCE

Software Development Intern – Varcons Private Limited

Belagavi, India | 01/2023 – 04/2023

- **Analyzed large datasets** using advanced tools like **Excel, Python, and Power BI** to identify trends and provide actionable insights for business strategies.
- **Collaborated with cross-functional teams** to develop and implement data-driven solutions, improving operational efficiency by 20%.
- **Automated data processing workflows**, reducing manual effort by 30% and enhancing the accuracy of monthly reports.

Data Analysis Intern – jFork Private Limited (Virtual)

Bengaluru, India | 05/2023 – 08/2023

- **Conducted in-depth analysis** of datasets using **Python** and **SQL**, leading to optimized **data models** that improved prediction accuracy by 15%.
- **Developed interactive dashboards** in **Tableau** to **visualize key metrics**, facilitating **data-driven decision-making** for senior management.
- **Streamlined data extraction and transformation processes**, reducing **data processing** time by 25% through the **implementation of automated scripts**.
- **Collaborated with cross-functional teams** to identify **data-driven insights** and create actionable recommendations, **contributing to a 10% increase** in operational efficiency.

Operations Manager – NOBroker private Limited

Bengaluru, India | 05/2024 – Present

- Assisted in optimizing operational workflows, leading to a **15% increase in efficiency** across multiple departments.
- Collaborated with the risk management team to analyze and mitigate potential operational risks, improving overall compliance by **10%**.
- Managed data reconciliation processes for financial transactions, ensuring accuracy and reducing discrepancies by **20%**.

EDUCATION

Bachelor's Degree - Bachelor of Engineering in Computer Science (2020 - 2024)

S G Balekundri Institute of Technology Belagavi Karnataka India

PUC - Pre University Education (2017 - 2019)

Banajawad Residential PU College Athani Karnataka India

1st to 10th - Schooling (2006-2017)

Vidhya Vardhak English Mediun School Athani Karnataka India

PROJECT EXPERIENCE

Online Shopping Platform

Python, Django, HTML, CSS, JavaScript

- Built a fully functional e-commerce website with user authentication, product listings, and a secure payment gateway.
- Implemented an admin panel for managing products, orders, and customer data, streamlining business operations.
- Optimized website performance by integrating caching mechanisms, reducing load times by 30%.

Stock Market Analysis Tool

Python, Pandas, Matplotlib, Scikit-Learn

- Analyzed historical stock data to identify trends and patterns, providing actionable insights for investment strategies.
- Implemented machine learning models to predict stock prices with improved accuracy.
- Visualized data using Matplotlib, enabling users to easily interpret complex financial data.

Weather Forecasting App

JavaScript, React, Node.js, Express.js, OpenWeatherMap API

- **Developed a responsive web application** to display real-time weather updates using the **OpenWeatherMap API**.
- **Implemented data fetching and error handling** mechanisms, ensuring **accurate** and **reliable** weather forecasts.
- **Enhanced user experience** by incorporating **dynamic weather icons** and location-based **services**.

Chat Application

JavaScript, Node.js, Express.js, MongoDB

- **Built a real-time chat application** supporting multiple **users** and instant messaging.
- **Integrated WebSocket** for seamless **communication**, ensuring **low-latency message delivery**.
- **Implemented user authentication** and **chat history storage** using **MongoDB**, enhancing user experience.

Expense Tracker

Python, Flask, SQLite, Chart.js

- **Developed a web application** for **tracking personal expenses** with real-time **data visualization**.
- **Implemented a robust backend** using **Flask**, ensuring secure **data storage** and retrieval.
- **Visualized spending patterns** using **Chart.js**, enabling users to make informed **financial decisions**.

HONORS/AWARDS AND CERTIFICATIONS

- **IBM Certified:** Data Science Professional Certificate.
- **Microsoft Certified:** Data Analyst Associate.
- **Microsoft Certified:** Azure Data Scientist Associate.
- **Google Certified:** Tableau Desktop Specialist.
- **Almabetter Certified:** Professional Data Scientist.
- **LinkedIn Certified:** SQL Programmer

PERSONAL DETAILS

Name : VANI BASANAGOUDA MAGADUM
Date of Birth : 03/11/2000
Gender : FEMALE
Nationality : INDIAN
Languages : Kannada , English , Marathi , Hindi