Vasu Garg

Software Engineer

Attention to detail is my superpower. Have a knack for finding creative solutions to everyday problems. Transitioning from a career in software engineering to follow my passion for the field of data analytics.

vasugargacm@gmail.com ✉

+91 9045634074 📱

Roorkee, India 📍

linkedin.com/in/vasugargacm 🔗

github.com/VasuGargDev 🔗

EDUCATION

BSc in Programming & Data Science (Foundation level)
IIT Madras

2021 - 2022   *CGPA: 7.3*

B.Tech (Information Technology)
College of Engineering Roorkee

2018 - 2022   *73%*

XII (CBSE)
SGRR, Dehradun

2016 - 2017   *60.2%*

X (CBSE)
Delhi Public School, Roorkee

2014 - 2015   *85.5%*

WORK EXPERIENCE

Associate Software Engineer
AKQA

07/2022 - 01/2023   *Gurugram, India*

- Resolved **web accessibility** issues from client facing web interfaces following **WCAG** guidelines.
- Used ARIA labels to **improve accessibility** for **differently abled users** relying on screen readers.
- **POC proje**ct: Built an **interactive web app** for AKQA annual holiday calendar using **HTML CSS JS**.

Future Ready Talent Internship
Microsoft

01/2022 - 02/2022   *Remote*

- **Crypto-currency dashboard** using **Power BI** presenting **marketcap** in **graphical form**.
- **Draw insights** on crypto-currency trends and identify high **value coins** from ponzi schemes.

Python Intern
Cetpa Infotech Pvt. Ltd

02/2019 - 03/2019   *Roorkee, India*

- Built **tiles-matching game** using python & **PyGame**.
- Worked on portable **CNC plotter** prototype project.

TECHNICAL SKILLS

`Python` `SQL` `Power BI` `Statistics` `Machine Learning` `Excel` `JavaScript` `HTML & CSS` `Git` `Agile development`

PERSONAL PROJECTS

Explore my personal projects portfolio at :- www.vasugarg.live ↗

Software Developer Salary Prediction ML app
- Used real-world data from **Stack Overflow Annual Developer Survey**.
- Used **scikit-learn** library, to **predict salary** based on country, education level and years of experience.
- Built an interactive web application for end user with **streamlit** & **deployed** it live using streamlit share.

Statistics for data science portfolio
- **Google sites** portfolio containing **statistical modelling** activities using **google collab** and **google sheets**.

Personalized Habit Builder
- Intelligent **planner** as well as a **progress tracker** built using notion **tables & databases**.
- Gives **insight on daily progress** and consistency in the form of **bar & line charts**.

Maze solving car
- **Car robot** based on **Arduino UNO** equipped with **ultrasonic sensors** to find its way out of a maze.
- Took responsibility for building the prototype & **reducing weight** thereby **optimizing the power to weight ratio**.

ACHIEVEMENTS

Won "Githubify" personal portfolio building competition by GitHub.

Built my custom PC educating myself on youtube without any prior experience in PC building.

Cracked IIT Madras BSc degree entrance exam.

INTERESTS

`Build best out of waste solutions` `PC building`