




SAURAV SINGH

Developer ~ Engineer


 saurav-portfolio

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 singhsaurav062

 Patna, Bihar

 saurav-singh

SUMMARY

With a strong background in Web development and Programming, I am determined to apply my skills in a challenging environment. Proficient in a variety of hardware and software systems, encompassing Arduino IDE, Raspberry Pi, Windows OS, Microsoft Azure, and others. I am assured in my capacity to grow and enhance my abilities. I am keen to contribute to the development of both myself and the organization.

SKILLS

Languages: Java, SQL, Python, JavaScript, HTML, C++, C.

Technologies: GCP, Docker, Kubernetes, Spark, Hadoop, Hive.

Tools: VSCode, Git, Jenkins, Azure.

Softskills: Communication, Teamwork, Resilience.

PROJECTS

Web Development **Amazon Clone**

singhsaurav062.github.io/Amazon-Clone/

- Made a clone of Amazon.in which is almost similar to the original keeping the visual aesthetics in place.
- It is responsive for Mobile Phones. Used Coding Language: HTML and CSS.

AI-ML

AI Car Detection

github.com/singhsaurav062/AI-Car-Detection

- Made an AI-based unsupervised learning model to automate a physical mechanism that effectively reduces glare from headlights which increased the driver visibility by 75
- The model's successful implementation showcases promising potential for intelligently and efficiently addressing the persistent issue of headlight glare.

Web Development **Language Translator**

github.com/singhsaurav062/Language-Translator

- Language Translator web-page with input fields for text, language selection, and translation display.
- It features a user-friendly interface for copying text, and an exchange button for language swapping.

EDUCATION

2021-2025

Vellore Institute Of Technology, Chennai

CGPA: 8.31 | B.Tech. in Computer Science and Engineering

2018-2020

Rajhans Vidyalaya, Mumbai

Percentage: 78.4% | HSC

Till 2018

Seven Square Academy, Mumbai

Percentage: 93.8% | SSC

WORK EXPERIENCE

Nov 2023-Present

Joint Secretary

NSS, VIT Chennai

- Managing events and coordinating volunteers in club involves the planning and execution of events.
- Being actively involved in 20+ club activities involving meets, planning sessions and helping volunteers.

ACHIEVEMENTS

Aug 2022

1st Runner Up, Smart India Hackathon-2022

- Developed an Arduino-based project to filter grey water and using multiple sensors to assess water purity.
- Received a Cash Prize of INR 75,000.

May 2022

Finalists, ARAI Technovuus-2022

- Made it to Top-3 from 1000+ participating teams across country.
- Created an AI-driven model to mitigate a device that reduces glare from headlights, enhancing visibility and safety.

2017-2019

School Sports Captain

- Held the position for 2 consecutive years.
- Played at District Levels in Athletics, Cricket, Football and Kabaddi.
- Have 9+ Medals from School and District in Athletics.

CERTIFICATIONS

- **Microsoft Certified: Azure Administrator Associate, Microsoft** | [View Certificate](#)
- **AWS Academy Cloud Foundations, Amazon Web Services (AWS)** | [View Certificate](#)