


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: Leadership, 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](#)