

SHIVAM KUMAR

SOFTWARE ENGINEER

PROFESSIONAL EXPERIENCE / INTERNSHIPS

Software Engineer | Arcadia | Sep 2023 – Present

- Currently working on daily tickets focused on **website navigation automation using Selenium and HTML Unit**. My responsibilities include **developing scripts** to automate the process of navigating through websites to fetch invoices. I utilize Selenium for browser automation and HTML Unit for headless browsing to efficiently scrape and extract the necessary data points from the fetched invoices.

Project Intern | Vikram Sarabhai Space Centre | ISRO | Aug 2023 - Sep 2023

- Conducted a comprehensive comparison between **log analysis** and **Security Information and Event Management (SIEM)** tools and explored their capabilities in effectively detecting and responding to cybersecurity threats within complex systems.
- Through hands-on analysis and research, assessed the strengths and limitations of both approaches, aiming to enhance the organization's **cybersecurity posture**.
- By understanding the specific operational requirements and security needs of ISRO, contributed to the formulation of tailored strategies that can **enhance threat detection, incident response, and overall system resilience**.

Front End Development Intern | AICTE | IBM | Jun 2023 - Jul 2023

- Assisted in the development and implementation of **front-end components** and features as an intern, contributing to the overall **user interface and user experience** improvement.
- Collaborated closely** with the development team, designers, and stakeholders to understand project requirements and translate them into effective front-end solutions.
- Implemented responsive **web design techniques** to ensure optimal user experience across different devices and screen sizes.
- Utilized **HTML, CSS, and JavaScript** to create visually appealing and interactive user interfaces, adhering to established design guidelines and best practices.

Intern in Robotics | Kodacy | SPACE | Sep 2022

- Assisted in the **design and development** of robotic prototypes and systems, contributing to the overall functionality and performance.
- Collaborated with the robotics team to implement **algorithms and control systems** for autonomous navigation and manipulation.
- Assisted in the assembly, testing, and troubleshooting of robotic hardware components, ensuring proper functionality and performance.

Audio, Video & Content Editor | GauravGo Technologies | Oct 2021 - Mar 2022

- Collaborated with the game development team to develop Odisha's first ever PC game named as **BHOOMIPUTRA**.
- Utilized video production skills, including shooting, lighting, and video editing skills such as transition and effects to make the trailer and intro part of the game.

Video Editor & Graphic Designer | Nyabazar Education | Feb 2021 - Jun 2021

- Applied video editing techniques, including cuts, transitions, and effects, to enhance **the visual appeal and storytelling** in videos.
- Edited audio, implementing **noise reduction, sound enhancement, and synchronization** with video footage for optimal audiovisual experience.

PROJECTS

Squeeze Out

Developed an online feedback system, in the form of a website, designed specifically for students to provide ratings and feedback on teachers.

Antidoping-game

Created an engaging and educational game to raise awareness among the young generation about the detrimental effects of doping in various sports.

Stuffz

Established a user-friendly website specifically designed for buying and selling used items within the college campus.

CONTACTS

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🏠 Khagaria, India

Driven and tech-savvy software engineer with a **strong foundation** in programming and a commitment to excellence. **Equipped with a solid understanding** of various programming languages and frameworks, **eager to leverage** this knowledge to develop innovative and efficient software solutions. **Well-versed in** software development methodologies and focused on delivering high-quality code within set deadlines. **Adept at** problem-solving and critical thinking, with a keen eye for detail. Strong communicator and collaborator with **leadership** skills and experience, **capable of** working effectively in cross-functional teams.

SKILL SET

Web Development | Collaboration | OOPS | SDLC | Website Navigation & Automation

TECHNICAL SKILLS

Python | HTML | CSS | JavaScript | Selenium | Jenkins | HTML UNIT | SQL | Bootstrap | C | SIEM | ELK stack | Core Java

ACADEMIC CREDENTIALS

- Bachelor of Technology** | GITA Autonomous College | **2024** | **9.6 CGPA**
- Intermediate of Science** | Millia Convent English School | **2020** | **81 %**

Achievements:

- Google Developer Students Club Lead '23.**
- SIH-2022 GRAND FINALIST.**
- Speaker** | "Multimedia Technology".
- 3rd Prize** in Intra College Robotics Competition.
- Secured 2nd position** in Azadi Ka Amrit Mahotsav Geet writing competition by central government at district level.
- Co-author** in 10+ anthology books.

PERSONAL DOSSIER

- Languages Known:** English, Hindi
- Hobbies:** Writing poetries & songs, Gardening.