HARSH AGGARWAL

SOFTWARE ENGINEER 📍 SAHARANPUR, INDIA 📞 8869811001

○ DETAILS ○

Saharanpur, India
8869811001
harshagg550@gmail.com

○ LINKS ○

LinkedIn

Github

Geeksforgeeks

○ SKILLS ○

C++

C

Java

HTML

CSS

Tailwind

Bootstrap

Javascript

SQL

MySQL

OracleDB

PHP

Git

Github

Jira

Object-Oriented
Programming (OOP)

OODS

Software Development
Life Cycle

Software Project
Management

Data Structures and
Algorithms

Windows

👤 PROFILE

Passionate and innovative software engineer skilled in C, C++, and Java. Proficient in web development and agile methodologies. A quick learner with a problem-solving mindset, dedicated to creating efficient and user-friendly software applications. Seeking opportunities to contribute technical expertise and drive innovation.

🎓 EDUCATION

Master of Computer Applications, Guru Gobind Singh Indraprastha University, New Delhi
December 2021 — Present

Bachelor of Computer Applications, Panjab University, Chandigarh
August 2017 — September 2020
Graduated with 74.5%

👥 INTERNSHIPS

Web Developer Intern at Microsoft,
February 2022 — July 2022

- Developed and maintained a responsive food order delivery website using HTML, CSS, JavaScript, and PHP, ensuring a seamless user experience across multiple devices.
- Implemented dynamic functionality and interactivity using JavaScript to enhance user engagement and improve the overall website experience.
- Integrated server-side scripting with PHP to handle data processing, user authentication, and database interactions, ensuring secure and efficient operations.
- Conducted thorough testing and debugging to identify and resolve any issues or errors in the website's functionality and performance.
- Deployed the food order delivery website on the Azure cloud platform, leveraging cloud services for scalability, reliability, and performance optimization.

⭐ PROJECTS

Kidney Stones Detection & Dimension Estimation
March 2023 — June 2023

- Developed a MATLAB-based software application for the detection and dimension estimation of kidney stones using ultrasound images.
- Implemented image processing techniques specific to ultrasound images to preprocess and enhance the quality of the kidney stone regions.
- Implemented algorithms for estimating the dimensions of kidney stones, including size, shape parameters, and location within the kidney, utilizing the identified features.
- Conducted rigorous testing and validation of the software application using a diverse dataset of ultrasound images, ensuring accurate kidney stone detection and precise dimension estimation.
- Documented the project, including the methodology, algorithms, experimental setup, and results, for future reference and potential publication.

Weather App Website
June 2023

- Designed and developed a dynamic weather app website using HTML, CSS, and JavaScript.
- Implemented a responsive and user-friendly interface, allowing users to easily access weather information for different locations.
- Utilized HTML5 and CSS3 to create the structure, layout, and styling of the

Linux

Microsoft Azure

Software Logic

Agile

Knowledgeable in User
Interface/ User
Experience

Software Troubleshooting

Adaptability

Ability to Work in a Team

Fast Learner

○ HOBBIES ○

Continuous Learning, Technology
Exploration, Coding and Personal
Projects

○ LANGUAGES ○

English

Hindi

website, ensuring a visually appealing and intuitive user experience.
- Integrated JavaScript to fetch weather data from a third-party API (OpenWeatherMap) and dynamically display the current weather conditions, temperature, humidity, and other relevant information.
- Implemented geolocation functionality to automatically detect and display weather information based on the user's current location.
- Developed interactive features, such as search functionality, allowing users to enter a location and retrieve weather details for that specific area.
- Click Here to see it Live

✦ CERTIFICATIONS

Microsoft Azure Fundamentals AZ-900, Microsoft
December 2021

Algorithmic Toolbox, University of California San Diego
January 2022

Web Development training, Internshala
June 2022 — August 2022

✿ EXTRA-CURRICULAR ACTIVITIES

Student Technology Clubs/Organizations
- Actively engaged in technology clubs or organizations, attending workshops, organizing events, and participating in coding challenges.

Coding Competitions
- Competed in coding competitions, demonstrating problem-solving skills and proficiency in programming languages.

Leadership Roles
- Held leadership positions in student clubs or organizations, demonstrating my ability to manage teams, coordinate projects, and take on responsibilities.