

Sohan Hazra  
Aspiring Software Developer | Expertise in Java and Web Development

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## Profile Summary

Organized and dependable Computer Applications student with a strong foundation in Java programming, web development, and AI-based projects. Skilled at designing and implementing scalable solutions, combining technical expertise with creativity to address complex challenges.

## Skills

- Programming Languages: Java, JavaScript.
- Frameworks- Spring, Spring Boot, Hibernate.
- Web Development: HTML, CSS, JavaScript, Node.js
- Database Management: MySQL, PostgreSQL
- Tools & Platforms: Git, MS Office, Visual Studio Code.
- Cloud Computing: Basic concepts and applications
- Soft Skills: Problem-solving, effective communication, and collaboration

## Projects

### Tourvista - Dynamic Tour Booking Website

- Developed a user-friendly tour booking platform using HTML, CSS, and JavaScript for seamless user interaction.
- Implemented a robust backend with PHP and MySQL for secure data management and real-time booking functionalities.
- Designed responsive layouts optimized for mobile and desktop devices to enhance user accessibility.

### AI Interviewer (Ongoing)

- Building an AI-driven Interview Assistant capable of evaluating candidates using voice recognition and NLP techniques.
- Designing Java-based algorithms to simulate real-time interview scenarios and provide personalized feedback.

### AI-Driven Voice Recognition for Security (Planned)

- Conceptualizing a Java-based application to enhance security using voice recognition and authentication techniques.

## Certifications

View My Certificates: [sohan170.github.io/all\\_certificates1/](https://sohan170.github.io/all_certificates1/)

## Education

Bachelor of Computer Applications (BCA)

Asansol Engineering College [AEC], Asansol

Expected Graduation: June 2025

## Languages

- English (Fluent)
- Bengali (Native)
- Hindi (Fluent)

## Quote on Coding

"Coding is not just a skill but a creative outlet where I combine logic and innovation to solve real-world problems. I take pride in building applications that are both functional and visually appealing."