

Rishav Raj

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Summary

A Passionate and Detail-oriented Software Engineer with strong expertise in Frontend Development.

Skills

Programming: Java SE 8/11 (Core, OOP)
Web: HTML5, CSS3, JavaScript (ES6+), Bootstrap 5
Database: SQL (MySQL 8.0), DBMS
Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP),
Operating Systems, Problem Solving
Tools: GitHub (Version Control), Maven (Build Automation)

Experience

Web Developer Intern, Codules Technologies Pvt Ltd.

22nd Oct 2024 – 3rd Dec 2024

- Completed a 6-week internship involving Frontend web development, delivering a scalable “Online Course Selling Website” under senior guidance.
- Developed and implemented 5+ responsive web pages using HTML5, CSS3, JavaScript, and Bootstrap, improving user engagement by 20%.
- Integrated Google Sheets contact form, handling 100+ real-time visitor submissions.
- Collaborated with a 2-member team using Agile and GitHub for version control.

Java Programming Intern, InternPe

Sep 2024 – Oct 2024

- Enhanced proficiency in Java SE 8 core concepts, object-oriented programming, exception handling, and GUI development using Java Swing.
- Developed 4 interactive Java games (Tic Tac Toe, Guess the Number, Connect4, Rock Paper Scissors) with clean code and user-friendly interfaces.
- Applied GitHub for version control and collaborated in a virtual Agile environment, improving code quality and team productivity by 15%.
- Conducted unit testing and debugging, resulting in a 30% reduction in runtime errors.

Projects

Course Selling Website

Developed a fully responsive online course-selling website using HTML5, CSS3, and JavaScript, featuring dynamic navigation and real-time lead management with Google Sheets integration. Guided and mentored 3 peers who applied similar automation techniques in their own projects. Designed the site to be scalable and ready for payment gateway integration. *Link:* <https://ssrishav193.github.io/Institute>

Voice Assistant Application

Developed a GUI-based Voice Assistant using Java Swing, enabling users to issue voice commands for tasks like opening apps, searching online, and controlling system functions. Integrated speech recognition and event-driven programming for real-time command processing with a 95% success rate. Designed modular architecture for future NLP integration and documented the project for easy deployment. .

Achievements

- Awarded the prestigious Life's Good Scholarship by LG Electronics in collaboration with Buddy4Study, selected among top 10% of applicants for academic excellence and leadership potential.

Education

2022 – 2026

B.Tech in Computer Science and Engineering, Galgotias University, Greater Noida
CGPA: 8.5

2020

12th, CBSE (91%), Regional Secondary School, Madhubani, Bihar

2018

10th, CBSE (90.6%), Regional Secondary School, Madhubani, Bihar

Certifications

- Database Programming with SQL - Oracle
- Compiler Design - NPTEL
- Software Engineering - NPTEL
- Web Development - INCAPP
- Java Programming - INCAPP