

# Avani Jain

IV Year Engineering (IT) Student

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[Github](#)

[Leetcode](#)

[Linkedin](#)

[Portfolio](#)

I am an inquisitive tech enthusiast with experience in Java Programming, JDBC, SQL and Python. I have constant desire to grow, learn and explore, and an ability to work independently and collaboratively in a team. I have also been trying to refine my programming skills & enhance my knowledge of Data Structure and Algorithms through certain coding platforms like Leetcode and participation in hackathons.

## Education

- **Bachelor of Technology (B.Tech.) in Information Technology** 2020 - 2024  
University Institute of Technology, RGPV  
CGPA :- 8.64
- **12th Grade (Central Board of Secondary Education)** 2019-2020  
Carmel Convent Sr. Sec. School  
Percentage: :- 94.2%
- **10th Grade (Central Board of Secondary Education)** 2017-2018  
Carmel Convent Sr. Sec. School  
Percentage: :- 93.8%

## Projects

- **Sanjeevani Software ([link](#))** Core Java, JSwing, Oracle, JDBC, SQL  
Developed comprehensive hospital administration software leveraging Core Java, JSwing for GUI, JDBC for with Oracle as RDBMS managed through SQL programming for backend operations. Also, integrated API like BulkSMS and 2Factor to achieve enhanced functionalities.
- **Smart Home Automation ([link](#))** Python, Raspbian OS  
An IOT project created using Raspberry Pi and distance sensors in scripting language Python which senses human presence within the given range and switches on the connected devices as per the code in python with an efficiency of 80%.
- **Joint E-Library ([link](#))** Figma, HTML and CSS  
Designed a Joint E-Library website for easy access to a variety of books by collaboratively working on this multi-person project.
- **Portfolio Website ([link](#))** HTML, CSS and JavaScript  
Crafted a vibrant portfolio website leveraging HTML, CSS, Bootstrap, JQuery, and JavaScript. The site is live on GitHub, showcasing my work and skills.
- **Fake News Detection System ([link](#))** Python, Machine Learning  
Developed and implemented a Python-based machine learning system to detect fake news, leveraging libraries such as Numpy, Matplotlib, and Pandas and achieved an accuracy of 92% in identifying deceptive articles.

## Experience

- **A2Infotech (Software Developer Trainee)** January, 2023 - March, 2023  
Involved in Java application development to create an software for hospital administration called Sanjeevani using the Software Development Life Cycle (SDLC) model dividing the project into modules.
- **Webinmaker Pvt. Ltd. (Web Developer Intern)** February, 2022 - March, 2022  
Understood the development of websites, designing and architecting solutions to provide quality websites as per the requirement specifications.

## Skills & Software

- **Programming Languages:** Java, Python, HTML, CSS, SQL
- **Libraries & Frameworks:** JDBC, Swing, Spring Boot
- **Database & Operating Systems :** Oracle, Windows, Linux
- **Tools & Platform:** Git, GitHub, Microsoft Office, IntelliJ, Eclipse, VSCode, PyCharm
- **Miscellaneous:** Data structures & algorithms, object-oriented programming, strong communication skills with a proficiency in English, and problem-solving

## Certifications

- **Certificate of Completion (Elite) - Programming in Java** 2023  
NPTEL Online Certification (Swayam)
- **Certificate of Completion - Mathematics for Machine Learning Specialization (3 courses)** 2022  
Imperial College of London (Coursera)
- **Certificate of Completion - Programming Essentials in Python** 2023  
Cisco Networking Academy