

# Avi Kumar

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 Github |  Leetcode/Avi\_16

## EDUCATION

### Bennett University, Greater Noida

Bachelor of Technology in Computer Science and Engineering

Aug 2022 – Present

GPA: 8.75/10.0

### 12<sup>th</sup> School, Shree Ram Vidyalaya,

State Board of Secondary Education (PCM)

May - 2021

Percentage – 77.89%

## PROJECTS

### Journal Application

Dec 2024 - Feb 2025

GitHub

- Developed a scalable backend for a journal application using **Java** and **Spring Boot**, implementing **secure user authentication** and **authorization with JWT**.
- Utilized **MongoDB** for data storage and **Redis** for caching, while integrating external APIs like **weather updates** to enhance functionality.
- Ensured adherence to software development best practices, including version control via **GitHub**, **code quality analysis** using **SonarCloud**, and efficient project management.

### Subscription Sharing Platform (Sub Share)

Feb 2024 - May 2024

GitHub

- Developed a website for sharing subscriptions among users featuring services such as Online Software, OTT subscriptions
- Utilized **Node.js** for backend operations, with **HTML**, **CSS**, and **JavaScript** for the frontend, and **MongoDB** as a database.

### Banking Application

Nov 2024 - Dec 2024

GitHub

- Built a Banking application using **Spring Boot**, **MySQL**.
- Verified working **Restful API** using **Postman**.
- Currently trying to scope this project by implementing **secure authentication** functionality.

### Other Projects

- Student Style:** Created a dynamic **Trend Recommendation Application** integrating Sorting and Priority Queue algorithms for **evaluating trends in our university**.
- Created Frontend website (**Intra**) of House Interior using **only HTML**, **CSS**.
- Spring Boot** Basic Project (simple input output).

## TECHNICAL SKILLS

- Programming:** Java, JavaScript\*
- Web Technologies:** HTML, CSS, React.js\*, Spring Boot, Node.js\*, Express.js\*, Docker\*, Postman\*
- Database Management:** MySQL, MongoDB
- Miscellaneous:** IntelliJ idea, Visual Studio, Cisco Packet Tracer\*, GitHub
- Operating System:** Windows

\* Elementary proficiency

## ARCHIVMENTS

- Coding Solved** more than **150+** problems on **Leetcode (135+ Days Streak)**, **GeeksforGeeks**, **Hackerrank**.
- Research Paper:** Conference Paper “**Student Style**” accepted in **ICRAET - 2024** held on 06th Jun 2024 at Munnar, India.
- Competition:** Secured **2nd Rank** in **EY CAFTA Case Championship Mega Edition 2024** Round 1 and 4th rank in Final Round
- Recognized for innovation with **two state-level and one national-level (held at IIT Delhi) Science Exhibition awards**, showcasing **real-life problem-solving** and technical expertise

## EXTRACURRICULAR

- Certification:** Certified in **HTML**, **CSS**, **JavaScript**, **Node.js**, **React.js** under **Xebia**.
- Course:** Completed Python Essentials 1 Course by **Cisco Networking Academy**,
- Sports:** Lawn Tennis, Table Tennis and Chess
- Hobbies:** Gym, Coding, Walking.

