# Aaditya Yadav

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Kasavanahalli, Bengaluru - 560035, India

## SUMMARY

Motivated Computer Science and Engineering student with hands-on experience in backend development and a strong passion for solving complex problems who is proficient in object-oriented programming principles, with practical experience in Spring Boot, Java, and RESTful APIs and is eager to leverage technical skills and deliver innovative solutions in dynamic, collaborative environments while advancing software innovation.

## EDUCATION

- **Amrita Vishwa Vidyapeetham**                                               *Sept. 2022 - Present*
  *B. Tech in Computer Science and Engineering*                                      Bengaluru, India
  ◦ CGPA: 8.86/10

- **Manimukunda Secondary School**                                                   *2019 - 2020*
  *Higher Secondary Education*                                                       Rupandehi, Nepal
  ◦ GPA: 3.57/4

- **Jaycees KinderGarten High School**                                                     *2018*
  *Secondary Education*                                                              Rupandehi, Nepal
  ◦ GPA: 3.40/4

## PROJECTS

- **CarCaddy - Car Rental Automation System (Infosys Springboard Internship)**    *December 2024 – January 2025*
  *Tools: Spring Boot, MySQL, Hibernate, REST APIs, Maven*
  ◦ Developed a scalable car rental management system using Spring Boot, MySQL, and Hibernate ORM
  ◦ Integrated backend validation, designed optimized database schemas, and developed RESTful APIs for user authentication and system management
  ◦ Implemented efficient error handling and debugging techniques across the system to ensure robustness

- **Delivery Route Optimization**                                                        *May 2024*
  *Tools: Java, Eclipse IDE, Java Swing*
  ◦ Modified an algorithm to optimize delivery routes, minimizing travel distance and costs for multi-parcel deliveries
  ◦ Applied advanced problem-solving techniques to achieve a more efficient and streamlined delivery process
  ◦ Collaborated effectively with a team, demonstrating strong teamwork and communication skills

- **Medical Management System**                                                     *December 2023*
  *Tools: Java Swing, XAMPP, MySQL*
  ◦ Streamlined inventory and sales management, improving the accuracy of tracking medicine details and quantities
  ◦ Utilized MySQL for effective data management, ensuring reliable storage and seamless retrieval of medicine records and sales data

## SKILLS

- **Programming Languages:** Java, HTML, CSS, JavaScript, C++
- **Frameworks & Libraries:** Spring Boot, React (Basic)
- **Database Systems:** MySQL, MongoDB
- **Other Tools & Technologies:** Eclipse, VS Code, GitHub, Git
- **Soft Skills:** Adaptability, Project Management, Teamwork, Critical Thinking, Leadership

## CERTIFICATIONS

- **Problem Solving (Intermediate)** | Hackerrank |                                      *January 2025*
- **Programming Using Java** | Infosys |                                                *August 2024*
- **DataBase Management System** | Infosys |                                           *August 2024*
- **Java Training Course** | Udemy |                                                  *November 2023*

## ADDITIONAL INFORMATION

**Languages:** English, Hindi, Nepali
**Interests:** Full Stack Development, Emerging Technologies, Problem-Solving Challenges, Debugging