

## AYUSH VATS

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### SKILLS

- Proficient in Objective-C and Swift for iOS application development
- Extensive knowledge of iOS frameworks like Core Data, Core Animation, etc.
- Experience in ensuring application performance, quality, and responsiveness
- Familiarity with RESTful APIs and integrating backend services
- Strong understanding of Apple's design principles and UI/UX standards
- Experience in offline storage, threading, and performance tuning
- Knowledge of web technologies complementing iOS development

### EDUCATION

- Computer Engineering | Bengal College of Engineering, Durgapur CGPA: 8.77 |  
(Aug '19- Jun '23)
- XII (State Board) | +2 Gandhi High School 67.4%  
| 2019

### EXPERIENCE

#### Software Development Intern | LETSGROWMORE (May 22-Jun22)

Collaborated with a team to develop and enhance software applications.  
Assisted in troubleshooting, debugging, and resolving software issues.  
Participated in code reviews and contributed to improving application performance.

### ACADEMIC PROJECTS

#### Data Visualization Project:

Developed interactive visualizations using Tableau, reducing data analysis time by 30% and facilitating quicker decision-making for stakeholders.

#### SQL Database Optimization:

Improved query efficiency in an enterprise database system, reducing average query execution time from 10 seconds to 2 seconds, enhancing system responsiveness and performance.

#### Python Scripting Project:

Created automation scripts in Python for data cleansing, decreasing manual processing time by 50% and enhancing data accuracy for analytical purposes.

## POSITION OF RESPONSIBILITY

**President, Computer Science Club | Bengal College Of Engineering**  
(July'22- June'23)

Led a team of 15 members in organizing workshops, seminars, and coding competitions, fostering a vibrant tech community within the college.

Initiated mentorship programs connecting senior students with freshmen to aid in academic and career guidance.

Collaborated with faculty to organize guest lectures, enhancing industry exposure and knowledge sharing among students.

Successfully managed the club budget, allocating funds for events and activities, ensuring optimal utilization.

Implemented a new coding challenge series, increasing participation by 30% and fostering healthy competition among students.

## ACHIEVEMENTS / HOBBIES

👉 **Academic Excellence in Database Management: Attained the highest grade in the Database Management course, demonstrating a strong understanding of SQL and relational database concepts.**

👉 **Algorithmic Problem Solving: Engage in online platforms like LeetCode or HackerRank, regularly participating in algorithmic challenges to enhance problem-solving skills.**