

AINESH SRIDHAR

Bhopal, Madhya Pradesh | (+91) 9311983905 | aineshsridhar@gmail.com

EDUCATION

VIT Bhopal University

Bachelor of Technology, Major in Computer Science Engineering

Relevant Coursework: Software Engineering, Data Structure and Algorithms, Operating Systems, Computer Networks

Expected August 2026

Cumulative GPA: 9.01

N.K. Bagrodia Public School (CBSE)

Class XII - Physics, Maths, Chemistry, Computer Science

May 2022

93.2%

Amity Global School (IGCSE)

Class X - 2nd School Topper

May 2020

93.33% (5A*, 1A)

ACADEMIC PROJECTS

Synchronize - Group Study Platform | *React, Express, Node, TypeScript, MongoDB, TailwindCSS, Socket.io, Redux*

May 2025

- A full-stack collaborative study platform enabling users to join rooms, auto-assign weekly topics, and track learning progress.
- Real-time individual study timers synced across room members using Socket.IO, with daily progress stored in MongoDB.
- Voting-based topic prioritization and AI-generated quizzes to promote active and personalized learning.
- Used by 10+ active students, leading to a 40% increase in weekly study consistency through shared room participation.

Regional Healthcare Coordination System | *Vue.js, Express.js, Node.js, MongoDB, Postman API, Google Maps API*

April 2025

- Engineered a centralized platform for fetching more than 50 hospitals, managing wards, and booking appointments.
- Maintains electronic health records, reducing manual record retrieval time and improving patient history accessibility.
- Implemented location-based filtering to enhance hospital and doctor search efficiency by 40%.

NutriAI - AI based Dietplan Recommendation | *React.js, Express.js, Node.js, MongoDB, Cohere API, Spoonacular API*

July 2024 - August 2024

- Cohere API calls made to generate over 500+ unique meal plans, personalized based on user inputs like diet type, allergies, and goals.
- Leveraged Spoonacular API to access nutritional data for 100+ real-world dishes, optimizing meal suggestions for balanced nutrition.
- Developed 10+ backend API routes with Express.js, handling user requests and plans with minimal average response time.
- Collaborated with a team of 4 developer engineers to develop robust Express.js APIs and optimized MongoDB queries in less than 6 hours.

CERTIFICATIONS

- Developing Back-End Apps with Node.js and Express - IBM
- AWS Educate and Academy certified 7 badges
- Cloud Computing, NPTEL - IIT Kharagpur (Elite + Silver)
- Advanced Learning Algorithms, Coursera - Stanford, DeepLearning.AI

ACTIVITIES

- Contributor, Omdena Club: Pioneered a chatbot for bus transport booking in Bhopal using RASA and large language model (LLM) classifiers with a team of 20+ members.
- Core Member, iOS Club: Organized and executed six successful events for the iOS Club, including three hackathons, attracting 200+ participants and fostering collaboration among members, significantly enhancing the club's visibility and engagement within the university.
- Participant, AdvITIya Chess Tournament: Ranked in the top 25 among 300+ participants at an intra-college chess tournament.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript,
- **Web Technologies:** React.js, Vue.js, Node.js, Express.js, PHP, MongoDB, MySQL
- **Tools:** TailwindCSS, Bootstrap, RESTful, Postman API, Git, AWS Cloud
- **Languages:** English, Hindi, French