

EDUCATION

B.TECH(Software Engineering)	2022- 2026	Delhi Technological University, New Delhi	7.51
CBSE (Class XII)	2022	HOLY MISSION SEC SCHOOL	91.6%
CBSE (Class X)	2020	DR G. L. D. DAV PUBLIC SCHOOL	91.3%

ACADEMIC PROJECTS**Air Ticket booking backend** [\[Link\]](#)

- Engineered and launched a RESTful API Gateway with Node.js and Express.js, facilitating the integration of five microservices while enhancing request routing efficiency across diverse application modules by reducing response time to under 200 milliseconds.
- Implemented RabbitMQ for asynchronous communication between microservices, improving system scalability and ensuring reliable message delivery under high traffic loads.
- Configured and optimized MySQL database using Sequelize and hosted the application on AWS EC2, achieving 95% uptime and supporting real-time transaction processing for booking operations.

Calories burned predictor [\[Link\]](#)

- Designed a machine learning-based web application, enabling real-time predictions of calories burned during exercises based on user input.
- Integrated data visualization tools like Matplotlib and Pandas to display exercise trends and analysis, enhancing user insights and engagement.
- Implemented responsive front-end design using HTML5, Tailwind CSS, and JavaScript, ensuring a seamless and user-friendly interface for fitness tracking.

TECHNICAL SKILLS

- Languages:** C++, JavaScript, Python
- Frameworks:** Node.js, Express.js
- Databases:** MySQL, MongoDB
- Tools:** Git, GitHub, VScode, AWS
- Coursework:** OOPs, OS, DBMS, Data Structures, Machine Learning, Software Engineering, Computer Architecture

ACADEMIC ACHIEVEMENTS AND AWARDS

- Solved 300+ problems on Leetcode, including 200+ medium-level questions, demonstrating strong skills in algorithms and data structures. [Leetcode](#)
- Achieved 98.3 percentile in JEE Main, ranking in the top 0.5% of 1.2 million candidates.
- Secured AIR 20,986 in JEE Advanced among 200,000 participants.
- Earned Google Cloud Certification in Generative AI via Coursera.

POSITIONS OF RESPONSIBILITY

- Corporate Executive at E-Cell DTU, coordinated with 5 speakers for E-Summit 2022 and managed publicity campaigns, resulting in 100,000+ attendees.
- Member of IEEE, contributed to the organization of IEEEEXTREME 17.0, a global programming competition.
- Mentor at Desh Ke Mentor App, guided 4 students on academic and career paths through personalized mentorship.
- Member of Rotaract Club of Regency, assisted in coordinating the Diwali Mela, managing event logistics and participation.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Achieved blue belt and won 1 silver medal and 2 bronze medals in district-level competitions.