

# Ainesh Sridhar

Full-Stack Developer — Bhopal, Madhya Pradesh  
aineshsridhar@gmail.com (+91) 9311983905  
[LinkedIn](#) [GitHub](#) [LeetCode](#)

## Education

**B.Tech (CSE)**, VIT Bhopal University  
CGPA: 9.01/10

June 2022 – Ongoing

**Class XII**, N.K. Bagrodia Public School  
Score: 93.2%

May 2022

**Class X**, Amity Global School  
Score: 93.33% (5A\*, 1A)

May 2020

## Technical Skills

**Languages:** Python, C++, Java, JavaScript, MySQL

**Web Technology:** React.js, Vue.js, Node.js, Express.js, MongoDB

**Tools:** Tailwind CSS, Git, Postman API, CI/CD, AWS Cloud

## Projects

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

Apr 2025

- Engineered a centralized platform to fetch data from 50+ hospitals, manage wards, and schedule appointments.
- Integrated electronic health records, reducing manual data retrieval time by 60%.
- Improved doctor/hospital search efficiency by 40% using geolocation-based filtering.
- Designed for scalability with clustered Node.js, optimized MongoDB queries and Redis caching for 1000+ concurrent users.

**Resolute – Blog Website** | *React.js, Node.js, Express.js, MongoDB, WebSockets, RESTful APIs*

Mar 2025

- Built a full-stack blog platform with public blog discovery and secure role-based content management for 100+ users.
- Implemented rate limiting (100 requests/IP/hour) and input sanitization, reducing spam and DoS threats by 80%.
- Integrated WebSocket-based notifications, increasing user engagement by 35%.
- Optimized API queries to reduce blog feed load times by 40%, improving navigation efficiency by 50%.

**Sahayog – Crowdfunding Website** | *HTML, CSS, JavaScript, PHP, MySQL*

Jul–Aug 2024

- Designed a crowdfunding platform to support local welfare projects with secure user registration and donation modules.
- Improved backend performance and implemented payment integration.
- Achieved a 40% increase in engagement through responsive design and SEO enhancements.

## Certifications

- Advanced Learning Algorithms – Stanford (Coursera)
- Developing Back-End Apps with Node.js – IBM
- Cloud Computing – NPTEL (Elite + Silver)

## Achievements and Extracurricular

- Semi-finalist in HackOverflow 8.0, NIT Durgapur
- LeetCode peak rating: 1722 (Top 11.46%)
- Solved 500+ DSA problems with a streak of 150+ days
- Second School Topper – Class X (IGCSE)
- Top 25 in AdvITYa Chess Tournament (300+ participants).

## Responsibilities

- **Contributor**, Omdena Club – Built a chatbot with RASA and LLMs.
- **Core Member**, iOS Club – Organized 6 events, engaging 300+ participants.

## Languages

English, Hindi, French