

Ainesh Sridhar

Full-Stack Developer

Bhopal, Madhya Pradesh

aineshsridhar@gmail.com | (+91) 9311983905 | [LinkedIn](#) | [Github](#) | [LeetCode](#)

Education

B.Tech (CSE)

VIT Bhopal University

June 2022 – Ongoing

CGPA: 9.00/10

Class XII

N.K. Bagrodia Public School (CBSE)

May 2022

93.2%

Class X

Amity Global School (IGCSE) - Second School Topper

May 2020

93.33% (5A*, 1A)

Technical Skills

- Languages: Python, C++, Java, JavaScript
- Web Technologies: React.js, Vue.js, Express.js, Node.js, PHP, MongoDB, HTML, CSS, TailwindCSS, Bootstrap, RESTful APIs, Cloud
- Frameworks & Tools: RESTful, MySQL, Postman API, Git
- Other: Machine Learning (Scikit-learn, pandas, numpy)

Academic Projects

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

September 2024

- Engineered a centralized platform for fetching more than 50 hospitals, managing wards, and booking appointments.
- Integrated electronic health records, reducing manual record retrieval time by 60% and improving patient history accessibility.
- Implemented location-based filtering to improve hospital and doctor search efficiency by 40%.

Developer Portfolio Website | *React.js, CSS, JavaScript*

September 2024

- Built and deployed a fully responsive portfolio website using React, showcasing 5+ projects, technical skills, and achievements.
- Implemented modular and reusable components, reducing development time for future updates by 30%.
- Enhanced user experience by incorporating project galleries and interactive navigation, improving visitor engagement by 50%.

Sahayog Crowdfunding Website | *HTML, CSS, JavaScript, PHP, SQL, JQuery, AJAX*

July 2024 - August 2024

- Designed and structured a full-stack crowdfunding platform to support local welfare projects, handling user registration and project funding.
- Integrated secure payment gateways and optimised backend queries for performance improvement.
- Boosted engagement by 40% and improved project visibility through responsive design and effective database management.
- Refined site performance and SEO, resulting in higher traffic and user retention.

Predictive Modelling of Chronic Diseases | *Python (Streamlit, numpy, pandas, Scikit, matplotlib)*

August 2024

- Developed and trained a machine learning model achieving 97% accuracy in predicting heart disease and diabetes.
- Led a 5-member team, focusing on data preprocessing, feature engineering, and model optimization.
- Results compiled in a research paper, demonstrating the application of AI in healthcare for early disease prediction.

Certifications

- Advanced Learning Algorithms, Coursera - Stanford, DeepLearning.AI
- The Bits and Bytes of Computer Networking, Coursera - Google
- Cloud Computing, NPTEL - IIT Kharagpur (Elite + Silver)
- Developing Back-End Apps with Node.js and Express - IBM

Achievements

- Achieved leetcode peak rating of 1722 on leetcode (top 11.46% global rating).
- Consistently solved daily Data Structures and Algorithm problems for 150+ days.
- Second School Topper in 10th (IGCSE Board - 93.33% equivalent)

Responsibilities

- Contributor, Omdena Club: Development of 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: Organised and executed six successful events as part of the iOS Club, including three hackathons, attracting 100+ participants and fostering collaboration among members, significantly enhancing the club's visibility and engagement within the university.

Extracurricular

- Participant, AdvITYa Chess Tournament: Ranked in the top 25 among 300+ participants at an intra-college chess tournament.
- Solved over 700+ questions on LeetCode, Geeksforgeeks and CodeChef.

Languages: English, Hindi, French