

# Adarsh Sudheer

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📅 23/09/2003 🌐 linkedin.com/in/adarsh-sudheer-a36b8a289 🐙 github.com/adarshs2023calc

🔗 <https://leetcode.com/u/adarshs2023/>

## PROFILE

Passionate and dedicated Computer Science Engineering student at Amrita Vishwa Vidyapeetam with a strong interest in AI, Machine learning and Full stack development. Has hands-on experience with technologies like ReactJS and has worked on projects involving Web scraping, data science, machine learning, and full stack development.

## INTERNSHIP EXPERIENCE

### Intern

Aoldev

01/2025 – 04/2025

Trivandrum, India

- **MLB Insights Integration:** Incorporated personalized insights into the MLB dataset using GEMINI-Pro to enhance user engagement.
- **Chatbot Integration:** Integrated an AI-powered chatbot for dynamic user interaction on the website.
- **Hero Section Development:** Designed and implemented the website's hero section with modern UI/UX principles.
- **Code Contributions:** Created, reviewed, and merged 10+ pull requests in the Baseball repository, maintaining code quality.
- **UI Revamp:** Redesigned the website using TailwindCSS and integrated modular component for better scalability.
- **Skills:** TypeScript, React, TailwindCSS, Node.js, GEMINI-Pro, Git, Team Collaboration, Proactive Development, Agile

## EDUCATION

### Bachelors in Technology, Computer Science

Amrita School of Computing

CGPA: 9.49 / 10

10/2022

Amritapuri, India

### 10th/12th

Shanthinikethan School, Trivandrum

• Marks: 94.8% (12th), 93.8% (10th)

07/2020 – 08/2022

Trivandrum, India

## PROJECTS

### Vistas: An AI code debugger 🔗

present

- Used Langchain along with SERP AI for coding suggestions
- A novel feature of Multimodal Debugging
- Used Github API for data
- Fine-tuned Salesforce Codegen LLM
- Recommends Educational links for learning the code using LLAMA

### Prescription Reader using BERT 🔗

- Used NLP Bert model for reading medicine prescriptions of 78 classes
- Achieved an accuracy of 99.78%
- Skills - Pytorch, TensorFlow, Python, cv2, OpenCV, Keras, Deep Learning

### Backtesting of Reliance stock to maximize profits 🔗

- **Predictive Modeling:** Implemented XGBoost Regressor to forecast closing prices and applied backtesting to optimize profit margins.
- **Performance Outcome:** Achieved a cumulative return of 154% on a simulated investment portfolio..
- **Tech Stack:** Python, Pandas, NumPy, scikit-learn, matplotlib

### ChatGPT PII monitoring and masking dashboard 🔗

- Built a dashboard where our ChatGPT prompts are monitored and masked using compromise.js .

- Did a background study of all PII masking techniques on HuggingFace API .
- Designed a basic Chrome Extension for monitoring.
- **Tech Stack:** MongoDB, ExpressJS, ReactJS ,Node,Python

#### Loan Approval Prediction

- Predicted whether a loan will be sanctioned for a person based on personal and employment characteristics using the XGBoost Algorithm.
- **Prediction Score:** 0.9606
- **Dataset Used:** Used the dataset on Kaggle for data
- Rank: 1139/3588
- **Tools Used:** Python, XGBoost

#### Extracting Hotel information

- Used Bs4 and Selenium to scrap hotel data from Google maps
- Skills - Bs4, Selenium, Python



## SKILLS

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- Programming Languages: Python, C++, C, Java, JavaScript, TypeScript, SQL, ASP.NET, C#
- Technologies: Scrapy,Selenium, ReactJS, Linux, LangChain, Streamlit, Google Cloud, BeautifulSoup 4, NodeJs, Gemini-pro,Fast API, Html5, Css3, Bootstrap5, Keras
- Tools: Git, VSCode, PostgreSQL, Jupyter Notebook, MongoDB, MS PowerPoint
- Soft skills: Communication, Collaboration
- Problem solving Competitive Coding: Leetcode Ranking 1500. Solved more than 350+ problems

## CERTIFICATES

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|--|---|--|
| • Advanced Learning Algorithms, Coursera  | • Google Cloud Computing Foundations: Networking & Security in Google Cloud   | • Google Cloud Computing Foundations: Infrastructure in Google Cloud |
| • Google Cloud Computing Foundations: Cloud Computing Fundamentals   | • Google Cloud: Implementing load balancing in Google cloud  |  |

## VOLUNTEERING

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#### Cybersecurity Awareness for Students of Amrita Vidyalayam, Puthiyakaavu

- Conducted cybersecurity awareness sessions for younger students, educating them on online safety and digital hygiene.
- Engaged students with interactive discussions, real-life examples, and hands-on demonstrations to enhance learning.

## LANGUAGES

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Languages: English, Malayalam, Hindi

## AWARDS AND ACHIEVEMENTS

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**GATE 2025 CS-DA - Rank 3011**

**Jee Mains- 96.465 percentile**

**JEE Advanced - Rank 16465**