

Atharv R Gachchi

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Objective

A curious and driven Computer Science and Engineering student with a strong interest in software development and emerging technologies. Passionate about building practical solutions to real-world problems through hands-on experience in Python, React, Flutter, and AI/ML. Known for a proactive learning approach, creativity, and a commitment to writing clean, effective code. Seeking opportunities to contribute to innovative, growth-oriented tech environments.

Education

Manipal University Jaipur

Bachelor of Technology in Computer Science and Engineering (IoT and Intelligent Systems)

Aug 2023 – Aug 2027
(Expected)

Jindal Vidya Mandir

K-12 Education (CBSE Board)

Mar 2011 – Apr 2023

Technologies & Skills

Languages: Python, C/C++, Assembly, JavaScript, Dart, SQL, HTML, CSS, Move

Frameworks & Libraries: React, Next.js, Node.js, Vite Electron.js, Flutter, Scikit-learn, Pandas, Pytorch, Tensorflow, Joblib

Databases: MongoDB, PostgreSQL, MySQL, SQLite

Tools & Platforms: Git, VS Code, Android Studio, Aptos Blockchain, Sui Blockchain, Google Gemini API

Interests: Artificial Intelligence/Machine Learning, Blockchain Technology

Professional Experience

CampusAdda Technologies Pvt Ltd — App Developer: Contributed to the UI and logical implementation of Car Pooling Section in the CampusAdda app in Flutter, Dart

Oct 2024 - April 2025

Projects

Aptos Blockchain Document Management dApp

[GitHub Repository](#)🔗

Tech: Aptos, Move, React, Vite

- Developed a decentralized application for document management on the Aptos blockchain. Focused on smart contract integration and a secure frontend to ensure non-centralized file handling.

Inventory Management CRUD Application

[SQL Version \(GitHub\)](#)🔗 · [MongoDB Version \(GitHub\)](#)🔗

Tech: SQL, MongoDB, HTML, CSS, JS, Node.js

- Designed and implemented a CRUD-based inventory system with two backend versions to explore relational and NoSQL database principles, including schema design and API integration.

Batch Attendance Manager (Flutter)

[GitHub Repository](#)🔗

Tech: Flutter, Dart

- Built a mobile app for attendance tracking, batch management, and fee logging tailored for an instructor. Focused on user-friendly UI and efficient state handling. Currently in beta testing.

Zenith AI – Desktop Assistant

[GitHub Repository](#)🔗

Tech: Electron.js, Python, HTML, CSS, JS

- Created a cross-platform desktop assistant for personal task automation and basic conversational interaction using Electron and Python. Actively maintained with new features in progress.

Rainfall Prediction (Machine Learning)

Tech: Python, Scikit-learn, Pandas

[GitHub Repository](#)

- Developed a predictive model for daily rainfall probability using meteorological data. Applied data pre-processing and regression techniques to achieve reliable forecast accuracy.

Arth Shikshak – Financial Buddy

Tech: TypeScript, MongoDB, Next.js, React

[Main Repo](#) · [MVP Demo](#)

- Currently building a student-focused financial advisory platform leveraging AI via Google's Gemini API. Aims to assist with budgeting and financial literacy. Submitted for Google Solution Challenge 2025.

SL Security (Frontend Collaboration)

Tech: HTML, CSS, JavaScript

[Live Demo](#) · [GitHub Repository](#)

- Contributed to the design and development of a simulated phishing website frontend for an awareness-based competition. Focused on creating an authentic and persuasive UI/UX experience.

Fuel-Forge (Machine Learning)

Tech: Python, Tensorflow, Joblib, React

[GitHub Repository](#)

- Generated Synthetic Data and Trained a predictive model for fore-telling the properties of different kinds of fuel blends (Gasoline and Diesel), using Tensorflow/Keras

Revera (Prediction Market)

Tech: Sui TypeScript SDK, React

[GitHub Repository](#)

- It is a decentralized prediction market platform built on Sui. Users can create, participate in, and manage markets for various events, leveraging blockchain technology for transparency and security.

Courses

Developing Front-End Apps with React

IBM - Coursera

[Certification](#)

Frontend Development using Angular

Board Infinity - Coursera

[Certification](#)

Mathematics for Machine Learning: Linear Algebra

Imperial College London - Coursera

[Certification](#)

Programming with Generative AI

IIT Guwahati - Coursera

[Certification](#)

CCNA: Introduction to Networks

Cisco NetAcad

[Certification](#)

Extra-Curricular

Deputy Operations Manager — Turing Sapiens (Tech Club): Orchestrated "Trailblazer: The Ultimate Web Dev Challenge" and provided crucial operational support for Alphaasia '25, ensuring the seamless execution of major club events.

Operations Team Member — IIC Hackathon 2025: Contributed to the successful execution of IIC Hackathon 2025 by assisting with critical logistical and organizational tasks for a smooth participant experience.

Languages

English

Read—Write—Speak

Proficiency: High

Hindi*Proficiency: High**Read—Write—Speak***Marathi***Proficiency: High**Read—Speak***Kannada***Proficiency: Amateur**Speak*