

Avi Acharya

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SUMMARY

A highly adaptable and motivated software engineer with a keen eye for detail, disciplined approach to coding and debugging, and proven capabilities in cloud architecture and development. Seeking to leverage this experience and unrivaled enthusiasm to take on innovative projects for a company that values excellence and forward-thinking.

EDUCATION

2021 - present	B.Tech Information Technology at Dharmsinh Desai University	CPI: 8.10
2021	HSC (12th) Divine Buds English School	72.76%
2019	SSC (10th) Divine Buds English School	94.33% PR

SKILLS

Front-end	: React, JavaScript, Svelte, HTML, CSS
Back-end	: SpringBoot, SpringMVC, Java, C++, SQL, Postgres, Hibernate, MongoDB
Other Skills	: Database Management Systems, Software Engineering, Kafka and RabbitMQ, Data Structures and Algorithms, Computer Networks, Applied Operating Systems
Platforms	: Visual Studio, IntelliJ, PyCharm, Jupyter, Postman, NetBeans
Languages	: C, C++, Java, JavaScript, Python

WORK EXPERIENCE

Techify Solutions May 2024 - present

At Techify, I spearheaded the development of a customer relationship management system, significantly enhancing user engagement. This project provided me with hands-on experience in Flask, Svelte, and OpenAI, while also improving my project management and team collaboration skills.

PROJECTS

Tech Bazar

[Github Link](#), [Video Link](#)

TechStack used: React, SpringBoot, SQL

Enhanced user experiences and streamlined administrative processes for an e-commerce platform. Developed a seamless registration system and simplified product browsing and purchasing processes. Created robust account management features, allowing users to access order history and manage shopping carts. Integrated a chatbot for real-time assistance, improving customer support. Contributed to the development of advanced tools for product and user account management. Collaborated with the QA team to ensure defect-free code and worked with the sales team to implement effective order tracking solutions. These initiatives significantly improved user satisfaction and operational efficiency.

Luften

[Github Link](#), [Video Link](#)

TechStack used: Python, Flask, Openai,Svelte

Created support for admin users who can create pupil accounts with their usernames and passwords. Now pupil creation supports adding a role - either admin or user. Implemented a login page, which can be used by pupils to login to their own tutor sessions.Separated the UI (User Interface), based on if an admin or a pupil-user is logging in. Pupil-user has only access to the chat interface; while admin can check a list of all pupils, view all chat history, create/delete pupil accounts and update AI assistant settings.Created export chat functionality which can be used by an admin to export chat history of any pupil to their local system. The files can be found at the moment in the backend folder of the App. Increased support for concurrent pupils that can be registered to from 25 to 120.

Message Queue

[Github Link](#)

TechStack used: RabbitMQ Server, SpringBoot

Played a key role in refining communication processes between producers and consumers within applications using RabbitMQ. By decoupling these components, addressed interaction complexities, promoting smoother operations. Ensured reliable message flow by leveraging RabbitMQ's features such as message queuing, routing, and clustering to maximize resource utilization and enhance system performance, particularly in distributed environments. Collaborated closely with the team to ensure the solution's effectiveness and adherence to high standards, addressing potential issues promptly.

Employee Attendance System

[Github Link](#)

TechStack used: React, SpringBoot, MySQLto developing an Employee Attendance System tailored for departmental use, streamlining attendance tracking and enhancing employee management. Provided detailed department-specific attendance records, offering insights into individual and collective trends. Equipped with intuitive reporting tools, it optimized workforce planning and resource allocation. User-friendly interfaces fostered engagement, promoting ease of use and accessibility, and ultimately encouraging a culture of accountability and productivity among employees.

ACHIEVEMENTS

- NON -Tech lead in GDSC / Shortlisted for GDSC main lead
- Organized DUHacks2.0 & 3.0(Hackathon) were more then 2000+ registrations
- Class Representative of IT-2025 Batch(162)
- Participated in Google Cloud Camp
- Organising Member in GDSC WOW
- Content Writer in HackerNIT5.0
- Certified Course from AWS cloud Foundation