

ADIL AQUIL AHMAD

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EDUCATION

Bachelor of Technology in Computer Science and Engineering August 2024 – June 2028
Bennett University, Greater Noida, Uttar Pradesh
CGPA: 9.28/10.0 *Honors: Dean's List Award (9.71 SGPA in 1st Semester)*

SKILLS AND INTERESTS

Languages	Python, Java 17, C++, C#, JavaScript (ES6+), SQL, HTML/CSS
Frameworks	Spring Boot, React, Node.js, Tailwind CSS, Flask, FastAPI, PyTorch, OpenCV, YOLOv8, PyQt5, PyCryptodome, Tkinter, LangChain
CS Fundamentals	Data Structures & Algorithms (DSA), Design and Analysis of Algorithms (DAA)
Tools & Cloud	GCP, Cloudflare, Spring Security, Spring Data JPA, Maven, MongoDB, SQLite, Groq, Ollama, Git, Linux
Interests	AI & Cloud Computing, Cybersecurity & Privacy Tools, Hackathons & Tech Communities, Open-Source Development

EXPERIENCE

Python Developer Intern June 2025 – July 2025
Indicsoft Technologies Private Limited *Remote*

- Architected scalable RESTful APIs using Python and Flask, optimising server-side logic for high-concurrency applications.
- Engineered efficient data handling protocols and performed SQL query optimisation to reduce database latency.

Full-Stack Web Development Intern July 2025
Launched Global (Kshitij Fest) *Remote*

- Completed intensive mentorship on modern full-stack architecture focusing on React.js, Node.js, and Tailwind CSS.
- Developed and deployed multiple full-stack websites on Google Cloud Platform (GCP), ensuring high availability and scalability.
- Designed responsive UI components using Tailwind CSS to enhance cross-device user experience and performance.

Mobile Application Developer December 2020 – January 2021
Adil Travels of India Pvt Ltd *New Delhi, India*

- Spearheaded end-to-end design and development of a Hajj & Umrah pilgrimage booking mobile application utilising Java.

Full Stack Developer March 2020 – April 2020
Adil Travels of India Pvt Ltd *New Delhi, India*

- Architected a responsive tourism portal using HTML, CSS, and JavaScript to streamline client bookings and package discovery.
- Integrated front-end components with server-side logic to ensure seamless data synchronisation and booking management.

PROJECTS

Ain't Cappin — AI Document Fact-Checking System March 2026
FastAPI, React, LangChain, Groq, Python

- End-to-end fact-checking pipeline for PDF/DOCX uploads using a three-tier LLM routing system (LLaMA 3.1 8B / LLaMA 4 Scout / LLaMA 3.3 70B via Groq) for claim extraction, classification, and verification.
- Evidence-weighted confidence calibration blending source-tier scoring with raw LLM confidence; inter-claim contradiction detection with topic clustering and document-level misinformation signals.
- Aggregated five evidence sources (Wikipedia, NewsAPI, SerpAPI, OpenAlex, Semantic Scholar) with SQLite prompt caching via LangChain to minimise redundant token usage.
- *Won 1st Place at Hack Helix, Thapar Institute of Engineering & Technology (TIET), 2026.*

Chrysos — Personal AI Financial Advisor

January 2026

Flutter, Python, FastAPI, LangChain, Groq, Ollama, SQLite/Cloud SQL

- Privacy-first financial advisor with Flutter frontend and FastAPI backend; E2EE ensures personal data is encrypted locally and never persisted in plain text on the server.
- Four-tier LLM routing pipeline: offline edge planner (Qwen3 1.7B via Ollama), lightweight, mid-weight, and heavyweight (LLaMA 3.3 70B via Groq) tiers for cost- and latency-optimal dispatch.
- Real-time portfolio P&L tracking via yfinance for live NSE and NASDAQ/NYSE data, with a “Morning Brief” sequence delivering sentiment-analysed financial headlines on app launch.

Wraith

April 2025

Python, Tor Network, AES-256 Encryption, Socket.io

- Anonymity-first chatroom routed via the Tor Network; implemented AES-256 E2E encryption and self-destructing message logic for zero-trace data retention.
- Led an open-source team, managing contributions, improving frontend accessibility, and proposing enhancements over legacy tools such as TorChat.

SwiftRoute

October 2024

YOLOv8, OpenCV, React, Tailwind CSS, Python

- AI-driven traffic management system using YOLOv8 for real-time vehicle detection and signal optimisation across up to four road networks simultaneously.
- React dashboard for live traffic density visualisation; leveraged data analytics to improve routing accuracy for India’s complex road networks.

VitalisLink

February 2025

Java 17, Spring Boot 3, Spring Security, MySQL, Google APIs

- Healthcare logistics platform built with Spring Boot and JPA; integrated Google Maps API for real-time geolocation of blood donors and streamlined supply chain management.
- Spring Security for robust access control; Maven for automated dependency management and build lifecycle.

HONORS AND AWARDS

1st Place – Hack Helix, Helix 2026, Thapar Institute of Technology (TIET)

April 2026

Built *Ain’t Cappin*, an AI-assisted document fact-checking system with multi-tier LLM routing, evidence-weighted confidence calibration, inter-claim contradiction detection, and a React evidence graph UI.

3rd Place – ML Codefest, Prometeo, IIT Jodhpur (IITJ)

January 2026

Ranked 3rd nationally for an ML model predicting stock trends via real-time social media sentiment analysis.

Top 8 Finalist – GFG Hackfest 2024

October 2024

Shortlisted in Top 8 from 500+ teams across 10 major universities in Delhi-NCR; only freshman-led team to reach the competition’s closing stage.

POSITION OF RESPONSIBILITY

Organiser — Hackaccino 4.0

Feb 2026 – April 2026

One of Delhi-NCR's Largest Hackathons | hackaccino.in | 1000+ Participants

- Sole person in charge of the entire technical operations of Hackaccino 4.0, one of the largest hackathons in the Delhi-NCR region, overseeing 1000+ participants across the full duration of the event.
- Engineered and managed real-time room occupancy allocation, dynamically assigning teams to venues and tracking capacity constraints throughout the event with zero scheduling conflicts.
- Designed and implemented the end-to-end judging pipeline: onboarding judges, assigning them to teams, collecting scores, and applying statistical normalisation across judges with differing scoring ranges to ensure fair and consistent final rankings.
- Resolved numerous pre-event technical blockers during planning and made rapid on-the-spot decisions during the event to handle unforeseen issues — from participant check-in failures to last-minute room reassignments — ensuring seamless continuity for all 1000+ attendees.
- Demonstrated high-pressure leadership and operational ownership in a large-scale, real-world environment, coordinating across participants, judges, and organisers simultaneously.

Tech Lead — Adil Travels of India Pvt Ltd

March 2020 – Present

Family-Owned Tour & Travel Company, New Delhi

- Solely responsible for all technology operations of the family business since 2020, managing the company's websites, domains, hosting infrastructure, and mobile applications end-to-end.
- Designed and launched the company's responsive tourism portal from scratch using HTML, CSS, and JavaScript, enabling clients to discover packages and manage bookings online.
- Developed a Hajj & Umrah pilgrimage booking mobile application in Java, streamlining the reservation workflow for pilgrimage packages offered by the company.
- Continuously maintains and updates all digital assets — renewing domains, managing deployments, and implementing improvements based on business needs — ensuring uninterrupted online presence for the company.
- Actively upgrading the company website from its original HTML/CSS/JavaScript codebase to a full MERN stack (MongoDB, Express.js, React, Node.js) infrastructure for improved scalability, performance, and maintainability.

CERTIFICATIONS

The Bits and Bytes of Computer Networking , Google (Coursera)	April 2026
Operating Systems and You: Becoming a Power User , Google (Coursera)	April 2026
Introduction to Microprocessors , Arm (Coursera)	March 2026
Design Thinking: Ideas to Action , University of Virginia (Coursera)	March 2026
Web Development Mentorship and Internship Program , LaunchED Global	July 2025
Innovation Management , Erasmus University Rotterdam (Coursera)	December 2024
Python Fundamentals , Infosys	November 2024
Core Java Programming Revisited , Infosys	April 2025

EXTRA-CURRICULAR

- Active member of college **Tech/Cultural Clubs**, contributing to event planning, logistics, and on-ground execution of club activities and inter-college events.
- Casual **Chess** enthusiast; played regularly on Chess.com and continues to enjoy the game recreationally within the university community.
- Enjoys **Pool** (billiards) recreationally; a regular pastime within the university social scene.

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.