

# Qaim Mehdi

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## SUMMARY

**Software Engineer** obsessed with optimization and backend logic. Proven ability to slash data retrieval times by 60% and integrate Generative AI (Gemini, SadTalker) into production workflows. I bridge the gap between complex DS & Algo fundamentals and modern full-stack deployment, backed by a history of technical instruction at Aptech.

## EXPERIENCE

### Visiting Faculty

Aptech

May 2025 – January 2026, Karachi, Pakistan

- Instructed 3 core subjects — Web Designing (HTML, CSS, JavaScript), C#, and SQL — to over 60 diploma and certificate students as a part-time evening faculty at Aptech.
- Delivered 25+ practical, hands-on sessions focused on current industry tools and real-world applications.
- Mentored 15+ students in developing portfolio-worthy projects, enhancing their employability and technical confidence.

### Software Engineer Intern

Wenawa

July 2025 – December 2025, Karachi, Pakistan

- Built multiple full stack projects using Node.js, Java, and Python backends, developing 15+ RESTful APIs for authentication, data handling, and session management.
- Developed frontend features using Vanilla JavaScript and React, creating 20+ reusable components and ensuring responsive performance across devices.
- Fixed 30+ bugs, integrated AI APIs for adaptive functionality, and delivered end-to-end projects independently while managing multiple tech stacks.

### Software Development Intern

DevelopersHub Corporation®

March 2025 – April 2025, Karachi, Pakistan

- Developed and deployed a full-stack Task Management System that streamlined productivity for a team of 20+ users, reducing manual coordination by 60%.
- Built and secured 18+ RESTful API endpoints using Node.js, Express.js, and MongoDB, supporting 100% CRUD functionality for tasks, users, and roles.
- Implemented JWT authentication and role-based authorization for 2 user roles, ensuring secure access for over 500 login sessions during internal testing.

## PROJECT

### Prepza | AI-Powered Interview Practice Platform

- Built an AI-powered interview platform with 25+ features, including voice mode, adaptive questioning, scoring, and session management.
- Developed 18+ RESTful APIs in Java Spring Boot with JWT authentication, supporting secure user flows and real-time interactions.
- Integrated AI using Google Gemini API across 100+ test sessions, providing contextual question generation, feedback, and performance analytics.

### VidFace | AI Video Text-to-Video Generator

- Built an AI-powered interview platform with 25+ features, including voice mode, adaptive questioning, scoring, and session management.
- Developed 18+ RESTful APIs in Java Spring Boot with JWT authentication, supporting secure user flows and real-time interactions.
- Integrated AI using Google Gemini API across 100+ test sessions, providing contextual question generation, feedback, and performance analytics.

### Expense Tracker

- Developed a Java-based expense management application, *improving* expense tracking efficiency by 50% through automated analysis.
- Optimized expense logging with a linked list structure and integrated sorting algorithms, enhancing record management speed by 40%.
- Integrated *real-time* reporting features, enabling users to generate detailed expense reports instantly, boosting user productivity by 30%.

## SKILLS

Technical Skills: NodeJS, C++, Java, Python, C#, Node.js, MongoDB, React.js, RESTful APIs, JWT authentication, Data Structures & Algorithms, Binary Search, Linked Lists, Full-Stack Development, Git

## CERTIFICATIONS

### CS50x - Harvard University

### Crash Course on Python - Google

### Java Certificate - HackerRank

### Software Engineering Job Simulation - Electronic Arts