ZOHAIB AZIZ PANHWAR

Full Stack Engineer — Web Apps & AI Automation

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SUMMARY

Full stack engineer and CS student with about two years of experience building web apps, AI assistants, and automation systems with React, FastAPI, Python, and n8n. Comfortable across the whole stack — frontend, backend, database design, and AWS deployment — including setting up CI/CD pipelines and integrating LLMs into production applications. Focused on turning manual, repetitive processes into ones that run on their own.

EXPERIENCE

Senior AI Developer — *Flow9* 2025 – 2026

- Built out core CRM functionality end to end, working daily in React, Supabase, and Claude Code.
- Designed and shipped an MCP (Model Context Protocol) server exposing every CRM operation, then wired it into the app's own workflows and APIs.
- Built the AI features layered on top: an in-app assistant (Flow9 Ask) and a no-code automation builder (AI Workforce Studio).

Full Stack Developer — *Parix.ai* 2024 – 2025

- Owned product work end to end for one year: frontend, backend APIs, database design, and the AI features built on top of them.
- Built and shipped an internal HR platform (Parix Life) and an AI meeting assistant used to automate post-call admin work.
- Delivered client-facing web projects (landing pages, booking flows) alongside internal product work.

Freelance Client Work — *Self-employed* 2024 – 2025

- Delivered automation tools, LinkedIn outreach systems, and web apps for clients in the US and UK.
- Learned to scope projects independently and manage client communication end to end.

SELECTED PROJECTS

Flow9 Ask *(React, Supabase, MCP, Claude API)*

An AI assistant embedded inside the Flow9 CRM, built on a custom MCP server so it can run every operation the app itself supports.

- Built the MCP server first, so Claude and ChatGPT could drive the CRM directly.
- Exposed the same operations inside the app through a chat box present on every page — planning the day, summarising the pipeline, finding stalled deals, logging calls, creating leads.
- Added @-mentions, file attachments, and voice input, plus a model picker, usage limits, and saved chat history.
- Integrated with AI Workforce Studio (Flow9's workflow builder) so the assistant can trigger automations.

AI Workforce Studio *(React, Supabase, WhatsApp, SMS, Email)*

A drag-and-drop, no-code workflow builder inside Flow9 that lets any team member automate outreach and follow-ups without writing code.

- Supported triggers from website forms, inbound email, and WhatsApp messages.
- Built AI worker nodes that qualify leads, ask for missing information, or hand off to a human.
- Implemented if/else branching logic, task creation for humans, and messaging steps over SMS, WhatsApp, and email.
- Added run history, execution logs, per-node validation and stats, and a marketplace for publishing workflows to other users.

AI Meeting Assistant *(Python, LLM, Jira, ClickUp, Slack, Calendar API)*

A meeting bot that goes beyond note-taking: it joins the call, listens, and can speak and answer questions live during the meeting.

- Implemented live, two-way voice interaction during meetings, not just transcription.
- Automatically extracted action items after each call and created corresponding tasks in Jira or ClickUp.

- Posted an automatic meeting summary to Slack and added resulting deadlines directly to the calendar.

LinkedIn Message Analyser *(LLM, Data Analysis, Outreach)*

A tool built for a client running high-volume LinkedIn outreach, to identify which conversations were actually worth following up on.

- Parsed a LinkedIn message export and sorted every conversation into one of three buckets: never replied, replied, or follow up now.
- Scored replies for interest from 0–10 and quoted the person's own words as supporting evidence.
- Filtered out mass templates, group chats, LinkedIn system mail, and polite rejections automatically.
- Ran entirely on the user's own exported data — nothing uploaded, and it never sends messages on its own.

Parix Life — HR System *(Full Stack, Auth, Dashboard)*

Internal HR platform used company-wide at Parix.ai.

- Built sign-in with work email, plus clock in / clock out with full attendance history.
- Implemented hours tracking, leave management, and role-based access for admins versus staff.
- Added light/dark themes and a login screen showing live Karachi time and date.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript

Backend: Python, FastAPI, Node.js

Databases: PostgreSQL, MongoDB, MySQL

Automation & AI: n8n, Claude API / MCP, LLM integrations

Infrastructure: AWS Deployments, CI/CD Pipelines, Docker, Linux, Git

Foundations: Data Structures & Algorithms, System Design

EDUCATION

BS Computer Science — DHA Suffa University, Karachi, Pakistan