Khuzaima Ahmed

Software Engineer

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PROFILE

I'm a **Software Engineer** specializing in **AI-powered** applications, chatbots, agents, and workflow automation that help businesses work smarter. I focus on building practical, scalable solutions, including RAG-based assistants and multi-agent systems for complex tasks. I also have strong experience in modern **web development**, creating dynamic, responsive, and user-focused websites for clients across various industries, consistently delivering high-quality solutions that meet business and user needs.

PROFESSIONAL EXPERIENCE

Software Engineer 07/2024 – present
OCloudSolutions
- Developed AI agents to automate client meeting summaries and email generation, improving efficiency by **50%**.
- Implemented internal report generation for enhanced knowledge sharing among employees, reducing manual effort by **30%**
- Developed a web application using **Next.js** and **Python** to visualize details and connections of US billionaires, helping companies secure funding more easily.
- Worked on a Fintech application utilizing **Django**, **Redis**, **Celery** & **OpenAI** to assist Estonian banks and businesses in improving strategic investment decisions by **40%**
- Deployed applications using **AWS, Heroku** & **Google Cloud Hosting**
- Communicate with clients to thoroughly understand their requirements, ensuring timely and successful delivery of projects
- Recognized as the "**Rising Star of the Year**" for outstanding contributions and innovation in product development and client success.

Full Stack Developer 12/2023 – 06/2024
TechFabbier Private Limited
- Developed **Reactjs** application that enables real-time stock price tracking
- Integrated **Stripe**, **Google**, and **Apple payments**. Added discount systems, increasing user retention by 25%
- Utilized **Jira** and **Confluence** for effective project management and **SDLC** compliance

EDUCATION

Bachelor in Computer Science 11/2020 – 06/2024
PUCIT, Lahore

SKILLS

Programming Languages
Python, JavaScript, C/C++

Artificial Intelligence
AI Agents, GenAI, Langchain, MCP

Frontend Technologies
Nextjs, Reactjs, TailwindCSS, Shadcn

Database
Pinecone, Supabase, MongoDB, Redis, Pinecone

Backend Technologies
Django, Flask, FastAPI, Nextjs

Cloud Services
AWS, GCP, Docker, Stripe, HIPPA

SPECIALIZATION

Meta Frontend Developer 09/2022 – 05/2023
- Mastered React, Figma & Git
- Developed **Little Lemon**

PROJECTS

Impactly
- Developed a Fintech application using **Django**, **Redis**, **Celery**, and **OpenAI**, enhancing ESG analysis
- Automated report generation and ESG rating processes for companies, based on data provided by the Estonian government, improved efficiency by **20%**.
- Assisted Estonian banks and businesses in strategic investment decisions, increasing effectiveness by **40%**
- Leveraged AI to streamline due diligence and ESG screening, reducing manual effort significantly

Karmen
- Developed a **HIPAA-compliant** AI-powered digital care companion platform using **Next.js**, **Supabase**, **Pinecone**, and **Stripe**, enabling clinics to deliver personalized patient experiences through chat and voice
- Built AI-driven conversational experiences using custom knowledge bases, provider personas, and configurable assistant personalities.
- Implemented **voice calling**, **PAYG** voice add-ons, subscription plans, pricing management, and automated billing workflows for clinics
- Reduced manual support workload by automating patient interactions, knowledge retrieval, and administrative workflows, improving operational efficiency by **30%+**
- Leveraged **AI insights** and conversation analytics to improve patient engagement and optimize care support workflows.

No Studio
- Architected a scalable AI SaaS platform using **Next.js**, **Supabase**, and **Stripe** with a credit-based billing system and automated ledger tracking
- Developed an AI-powered fashion platform enabling users to virtually try on garments and generate 4K high-quality, realistic product photography using **Nano Banana Pro**.
- Implemented asynchronous AI job processing with **Inngest**, featuring automatic retries, failure handling, and intelligent credit refunds
- Built admin dashboard for user management, job monitoring, and system analytics using **Sentry** and **Plausible**
- Designed provider-agnostic architecture supporting multiple AI models with extensibility for future integrations

SynapseAI
- Developed an **AI Agent platform** enabling users to create, configure, and deploy custom agents with adjustable prompts, tools, models, and parameters
- Built end-to-end agent workflows, including API key management, agent creation, real-time chat, and **custom GPT** generation with branded UI
- Enabled **embeddable AI chatbots** and widgets with minimal setup, allowing seamless integration into external applications
- Implemented **WhatsApp integrations** using Tavily, enabling instant conversational access via phone numbers
- Architected the platform using **FastAPI**, **Next.js**, and **OpenAI**, ensuring scalability, flexibility, and rapid agent deployment

WorkOnIt AI
- Developed **MERN stack** AI chatbot platform that improved job hunting efficiency by 35**%**
- Created multiple **AI chatbots** to streamline job posting and job seeker interactions, enhancing user experience
- Implemented an admin panel to manage chatbots, track user activities, and monitor job requests
- Enhanced platform scalability by enabling easy addition and modification of AI chatbots through the admin panel

HIP Creative
- Designed and developed a web-based Email and Report Generator application, automating the creation of client meeting recaps and internal reports, reducing manual effort by **50%**
- Streamlined transcript processing for over **100+ client meetings** by enabling upload, adjustment of call details, and automated report generation
- Improved internal knowledge sharing by creating detailed internal reports, resulting in a **30% faster turnaround time** for employee access to key meeting insights
- Boosted productivity with clipboard integration, enabling quick data copying and reducing repetitive tasks by **15%**