

Mohit Singhal

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PROFESSIONAL EXPERIENCE

Member of Technical Staff - 2, Aquera

Mar 2025 - Present

- Worked on building SCIM based connectors that handles more than million requests a month
- Wrote integration scripts that connects businesses database managing user journey of million users
- Build integrations on SAP, Microsoft Entra ID, Azure Active Directory, Okta, Dayforce, Jira, Workday etc.

Software Engineer I, Assetplus

Aug 2024 - Feb 2025

- Revamped the New Fund Offers (NFO), boosting the investment by 7 times the previous investments.
- Enhanced the SIP calculator with a Daily SIP feature and real-time comparison tool.

SDE-1, Masai

Mar 2022 - Jul 2024

- Developed an AI chatbot using RAG, reducing response time from 24 hours to milliseconds.
- Designed and implemented an AI-driven LMS and Self-Learning Module for Placed by Masai, creating the first self-paced, adaptive learning platform with an AI teacher.
- Revamped a bulk certificate generator, successfully delivering over 20,000 certificates.
- Developed a platform for CSV uploads and link management, serving over 30,000 users.

SKILLS

- **Programming Languages:** Javascript, Python, HTML, CSS,
- **Generative AI:** OpenAI, Gemini, Claude, Llama, Mistral, Hugging Face, Langchain, RAG, Fine Tuning, LLM Agents, CrewAI, Langgraph, LlamaIndex, Open Source Models, Groq, Bedrock, Stable Diffusion
- **Frameworks & Libraries:** React, Redux, Angular, Next.js, Vue, Node.js, Flutter, Express, Flask & Django
- **Databases:** MongoDB, MySQL, Redis
- **Cloud Service:** AWS (S3, SES, Lambda, Cloudwatch, Dynamo DB), Docker, Azure

EDUCATION

- Full Stack Web Development, Masai School (Bangalore) Oct 2021 - Mar 2022
- Bachelor of Science, Jiwaji University (Gwalior) Jun 2016 - Jun 2019

PROJECTS

AI Chatbot

Github

Created an application that enables users to chat using custom data powered by generative AI.

- **Features:** RAG | Vector Databases | Embeddings | PDF Chunking
- **Tech Stack:** React | Typescript | Python | Flask | Chroma DB | Langchain | OpenAI | NLP

ACCOMPLISHMENTS

- Organised, Student Police Cadets Project (Ministry of Home Affairs & MP Police) Aug 2019 - Feb 2020
- Organised, Bagh Ki Dahad Programme (MP Forest Department) Jul 2019