

SHUBHAM HIRANI

Software Engineer II

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SUMMARY

Experienced Python Developer with 3.5+ years of hands-on expertise in building and optimizing backend systems and smart AI-driven applications. Specialized in Python frameworks such as Flask and FastAPI, with strong proficiency in data processing, API development, and system integration. Proven ability to enhance application performance and deliver scalable, maintainable code. Experienced in working with relational databases (MySQL), message queues (RabbitMQ), and caching systems (Redis). Adept at collaborating across teams to implement robust, production-ready solutions.

EXPERIENCE

Software engineer II 06/2024 - Present

Wotnot Solutions pvt Ltd Ahmedabad, Gujarat

- Architected and integrated a new AI agent block, empowering users to create custom AI agents, leading to a **25% increase** in agent creation efficiency
- Extended Google Calendar integration to include Outlook Calendar support, resulting in a **30% expansion** of calendar integration capabilities
- Built REST APIs and microservices with **Node.js (Express.js)** and **TypeScript** for scalable event-driven applications; applied TypeScript for type safety and maintainability in larger codebases.
- Developed automated data extraction pipelines** using **BeautifulSoup** and **Selenium** to scrape both structured and unstructured web data. Integrated extracted datasets into **Elasticsearch** for indexing, search, and analytics.
- Built RESTful APIs and **microservices** with **Node.js** (Express.js) and TypeScript for scalable, event-driven applications. Leveraged **TypeScript** to improve type safety, code quality, and long-term maintainability.

Software engineer I 01/2022 - 05/2024

Wotnot Solutions pvt Ltd Ahmedabad, Gujarat

- Architected and integrated an AI studio, resulting in a **100%+ increase** in new paid users
- Established robust Two-Factor Authentication (2FA) mechanisms, reducing security **vulnerabilities by over 15%**
- Leveraged multiple technologies within a **microservices architecture** to support over **10,000 concurrent requests**
- Designed webhooks for ingesting messages from diverse channels, processing over **1 million messages** daily
- Pioneered the adoption of Python 3.8 features, leading to a **20% improvement** in code maintainability

EDUCATION

Bachelor of Engineering 07/2018 - 03/2022

Vishwakarma government engineering college India

PROJECTS

MCP Chatbot 06/2025

Designed and developed an **AI-powered chatbot** using **OpenAI** and **Groq LLMs** to enable advanced conversational capabilities. Implemented **browser automation workflows** to support complex user queries, advanced use-case execution, and intelligent task handling.

Gemma Chatbot 06/2025

An AI-driven chatbot that utilizes local LLMs to provide answers based on data. Utilized the langchain framework and supported streamlit for the user interface. Built an AI-powered chatbot using local LLM to answer user questions based on provided data

FIND ME ONLINE

LinkedIn

<https://www.linkedin.com/in/shubhamhirani/>

GitHub

<https://github.com/shubham-hirani/>

SKILLS

Python · Node.js · Flask · FastAPI ·

TypeScript · Express.js · MySQL · Redis ·

Beautiful Soup · Selenium

Docker · Google Cloud Platform · Git ·

GitHub · Gen AI · OpenAI · Google Gemini ·

Anthropic

KEY ACHIEVEMENTS

AI Solutions Development

Successfully developed AI solutions that significantly enhanced user engagement and system performance

LANGUAGES

English Native ●●●●●

Hindi Native ●●●●●

Gujarati Native ●●●●●