

KULDEEP GOTHWAL

Software developer

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PROFESSIONAL SUMMARY

Software developer specializing in Python/Django, AWS Lambda, and RAG systems for AI-powered platforms. Currently working in Kaitongo, building scalable solutions that transform data into actionable business intelligence. Experienced in both modern AI/ML technologies and traditional backend development (Laravel/PHP) across OTA, CRM, and professional services.

EXPERIENCE

KAITONGO INC

Jan 2025 – Present

Software Developer

Toronto, Canada

- Developing AI-powered platform using Python/Django, AWS Lambda, and Vector Databases for RAG systems
- Building scalable backend solutions with OpenAI embeddings and machine learning workflows for business intelligence

AVATHI VENTURES PRIVATE LIMITED

Jan 2024 – Jan 2025

Backend developer

Bengaluru, India

- Improved website loading times by optimizing code and database queries using scoring algorithms, resulting in a 40% increase in speed. Added new features to the existing codebase, enriching user experience and functionality across multiple pages.
- Developed LangChain-powered chatbot with Flask and AI technologies increasing customer engagement by 30%, and contributed to PMS implementation through cross-functional collaboration

PRISM INFOWAYS PRIVATE LIMITED

Aug 2022 – Jan 2024

Full Stack Developer

Gurugram, India

- Built CRM/HRM systems using Laravel, PHP, Livewire with MySQL and PostgreSQL databases.
- Used Backpack Laravel to develop custom admin panels, improving administrative efficiency by 25%.
- Built and optimized e-commerce websites, implementing features like shopping carts, payment gateways, and product catalogs.
- Automated repetitive tasks such as form submissions and data scraping.

SKILLS

Programming: Python, JavaScript, PHP, Java, SQL, HTML, CSS, AJAX.

AI/ML & Frameworks: Django, LangChain, Flask, OpenAI GPT, RAG Systems, Vector Embeddings, Laravel, Livewire, Backpack Laravel, Bootstrap.

Databases: Vector Databases, PostgreSQL, MySQL, MongoDB, PgAdmin.

Cloud & Tools: AWS (Lambda, S3), Docker, Git, Postman, VS Code, Nginx, Firebase, DigitalOcean, Vercel, Netlify.

APIs & Integration: REST APIs, OpenAI APIs, Google APIs, Maps API, Firebase Auth, Selenium, Google Analytics, Search Console.

PROJECTS

Content Generator for OTA

GitHub link

- Built an AI-driven content generator using Python, OpenAI embeddings, and RAG to deliver fast, accurate, and customizable research reports for OTA platforms. Leveraged parallelized agent workflows inspired by GPT Researcher to ensure reliable and scalable content generation.

Feed Vibes | Next.js, Django, AWS S3

feedvibes.com

- A dynamic blogging and news platform focused on Technology, Business, Health, Lifestyle, Travel, and Science, built with Next.js frontend and Django backend. Added as a college project showcasing full-stack development expertise with modern web technologies.

EDUCATION

CHANDIGARH UNIVERSITY

Aug 2021 – Jun 2023

Master of Computer Application

GPA: 7.80

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

July 2018 - May 2021

Bachelor of Computer Application

CGPA: 6.4