

## Contact

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## Top Skills

Hugging Face Products  
LangChain  
Gen ai

## Certifications

digital marketing  
Karthikeyan sp  
Python

# karthikeyan Sp

Django & GenAI Developer | Scalable APIs & LLM Apps | Langchain, LangGraph, Hugging Face, Vector DBs | 3+ Yrs Freelance Experience  
Kochi, Kerala, India

## Summary

Tech Enthusiast | Problem Solver | Aspiring Innovator

I'm a passionate Python Django developer with a knack for diving into new and exciting fields. While I spend my days coding websites and apps, I'm also deeply intrigued by how technology can shape the future in unexpected ways. From synthetic biology to quantum computing, I'm on a mission to solve the world's most complex problems using the skills I've gathered.

Here's what excites me (and yes, I'm serious about it!):#####

**Synthetic Biology:** Think of it as bioengineering for the future. I'm keen on using tech to design and build new biological parts, systems, or organisms. Basically, playing with life on a molecular level—but for a good cause!

**CRISPR-Cas9 Technology:** I'm fascinated by this gene-editing tool that's revolutionizing medicine, agriculture, and genetics. Let's talk about how we can rewrite the code of life to cure diseases or design super plants. Cool, right?

**Quantum Computing for Space Exploration:** Not your average computer science! I'm eager to explore how quantum computers could change the way we explore space. Imagine solving deep space puzzles in seconds instead of centuries. Mind-blowing.

**Autonomous Spacecraft and Satellites:** When I'm not thinking about apps or websites, I dream about sending self-driving spacecraft to distant planets. My Python skills could help code the systems that allow these ships to think for themselves!

Agricultural Biology: Tech isn't just for Silicon Valley. I'm interested in using data and biology to grow better, more sustainable crops. Who knew farming could use a little coding magic?

From the ground up, whether it's writing code for a website or making breakthroughs in biology and space tech, I'm here to explore, learn, and push the limits of what's possible. Let's connect and see where these wild ideas take us!

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## Experience

### OMP

Full Stack Engineer

January 2025 - Present (9 months)

### ElkanIO Research Labs

Python Developer

December 2023 - January 2025 (1 year 2 months)

India

### WebCastle

Python Developer

December 2022 - January 2024 (1 year 2 months)

Ernakulam, Kerala, India

### Soften Technologies

Python Developer

January 2022 - December 2022 (1 year)

Kochi, Kerala, India

### Deva Steels

Digital Marketing Executive

May 2021 - December 2021 (8 months)

Kochi, Kerala, India

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## Education

Vidyanikethan

bachelor of commerce in Computer Application, Python · (April 2017 - June 2020)