

Karthik Ganesan

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PROFESSIONAL SUMMARY

Full-stack developer with 5 years of experience in backend development and building scalable microservices. Proficient in Python, FastAPI, and cloud technologies including Kubernetes and Docker. Passionate about AI and automation, with a strong understanding of RESTful API design.

EXPERIENCE

Senior Software Engineer

Jan 2022 - Present

TechStartup Inc · San Francisco, CA

- Led development of a scalable microservices architecture serving 1M+ users, contributing to a distributed system.
- Implemented CI/CD pipelines, reducing deployment time by 60% and improving overall development efficiency.
- Mentored a team of 4 junior developers, fostering their growth in backend development practices.

Software Engineer

Jun 2019 - Dec 2021

WebAgency Co · New York, NY

- Built RESTful APIs using Python and FastAPI, demonstrating a strong understanding of API design.
- Developed React frontend components for e-commerce platform, contributing to a seamless user experience.
- Optimized database queries, improving performance by 40% and enhancing application responsiveness.

EDUCATION

B.S. Computer Science

May 2019

UC Berkeley · Berkeley, CA

GPA: 3.7

SKILLS

- Python
- JavaScript
- TypeScript
- React
- FastAPI
- PostgreSQL
- MongoDB
- Docker
- Kubernetes
- AWS
- Git
- CI/CD
- Agile
- REST APIs
- GraphQL

CERTIFICATIONS

AWS Solutions Architect · Amazon (2023)

Google Cloud Professional · Google (2022)