

# Karthik Ramasamy

Trichy, Tamil Nadu | karthik.ram@example.com

## Professional Summary

Backend developer with 3+ years of experience building robust web services and APIs using Python. Proven ability to design, develop, and deploy scalable microservices. Experienced in cloud deployments with AWS and maintaining production systems using CI/CD pipelines. Passionate about clean code, mentoring juniors, and contributing to team success.

## Professional Experience

### **Software Engineer** – GigaSoft Solutions, Trichy (Aug 2020 – Present)

Develop and maintain RESTful APIs using Flask and PostgreSQL as part of a 5-member backend team. Led the migration of core services to AWS Lambda, reducing operational costs by 25%. Built Dockerized environments and implemented CI/CD pipelines using GitHub Actions. Mentored 3 junior developers and actively participated in sprint planning and code reviews.

### **Backend Intern** – DevEdge, Chennai (Jan 2020 – May 2020)

Supported the backend team in building CRUD APIs using Django. Designed unit tests for key components and set up a basic CI process for pre-deployment validation. Gained hands-on experience with Git workflows and agile development cycles.

## Education

B.Tech in Computer Science – SASTRA University, Tanjore (2016 – 2020)

## Technical Skills

Languages & Frameworks: Python, Flask, Django Cloud & Tools: AWS Lambda, Docker, GitHub Actions, Git Databases: PostgreSQL, SQLite Practices: REST API Design, Agile Development, CI/CD, Testing & Debugging