**T P**

# TANMAY R PETKAR

Software Engineer

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Driven by automation & scalable cloud (AWS). Ready to contribute Python & Web Dev skills to groundbreaking projects. Let's innovate!

## WORK EXPERIENCE

## CAPGEMINI

Software Engineer | Dec 2022 - Current

- Securing infrastructure with IAM policies, encryption at rest and in transit, and VPC security groups for granular access control. Security is paramount in any cloud environment, and this point emphasizes your expertise in ensuring data protection.
- Designing highly available and fault-tolerant systems using load balancers, auto-scaling groups, and redundancy strategies. Ensuring reliability and uptime is crucial for many cloud applications.

## EDUCATION

## BAPURAO DESHMUKH COLLEGE OF ENGINEERING

Bachelor of Engineering | Jul 2018 - Jul 2022

- Mega-Project: Real-Time Sign Language Recognition System - Empowering Communication for Hearing and Speech Impaired Individuals.
- Mini-Project: "Tiffin Services Near Me" - A web application helping users discover affordable and high-quality tiffin services in their vicinity

## PROJECTS

## CERTIFICATE SENDER

- Automate certificate generation and distribution effortlessly with this Python-powered solution.
- Send certificates directly to recipients' inboxes using Python's email-sending functionality, ensuring timely delivery.
- Choose between individual email delivery or bulk dispatch for efficient batch processing.
- Manage recipient lists and certificate data seamlessly using Python's data structures and file I/O capabilities

### SKILLS

Cloud Architecture     Containerization     Fault Tolerance

Identity and Access Management