

AYUSH GUPTA

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EXPERIENCE

Deltek

May 2025 - Aug 2025

Software Engineer

Remote, Bangalore, India

- Worked on Replicon, a Deltek-owned product used globally by companies for timesheet management, payroll, time entry, and time-off tracking.
- Developed and maintained backend features using **Python** in a microservices-based architecture.
- Applied Test-Driven Development (**TDD**) practices to deliver reliable, maintainable, and well-tested code.
- Created and managed CI builds using **AppVeyor**, automating test and deployment pipelines.
- Integrated Claude AI into the CI pipeline to automatically review pull requests (PRs) using a custom .yaml workflow in GitHub Actions.
- Enabled AI-assisted code reviews by triggering Claude via GitHub PRs, improving code quality and reducing manual review effort.

Aptia

Apr 2022 - Dec 2024

Software Engineer Prev. Mercer

Gurugram, India

- Mercer MM365+ Project Acquired by Aptia on March 1, 2024.
- Implemented RESTful APIs using the Django Rest Framework (DRF) to facilitate communication between frontend and backend systems.
- Led the integration of **Okta OAuth2** for single sign-on (SSO) capabilities, allowing users to securely authenticate via Okta while managing token-based authentication for secure access to the platform.
- Managed data using SQL and **Python** Django ORM. Used Django **ORM** features to easily interact with the data, ensuring smooth data storage and retrieval.
- Implemented user authentication, session management, and security measures using **Django Permission** class to safeguard sensitive data in web applications.
- Set up and maintained **CI/CD** pipelines using **Jenkins** enabling continuous integration and streamlined deployments.
- Integrated **AWS** services (EC2, S3, RDS) for cloud-based deployments and reducing the number of production issues by **7%** and improved system reliability.

Accenture

Oct 2021 - Feb 2022

Associate Software Engineer

Bangalore, India

- Part of Accenture OES Support Team.
- Reduced disk usage from **90%** to 85% by optimizing storage and file system management in a Linux support project at Accenture.

PROJECTS

MM365+ Inbound - Insurance Scheme - Aptia/Mercer

Jan 2023 - Dec 2024

- Worked on MM365+ Inbound Insurance Scheme Management System related to policy creation, generating reports, claims processing, sending policy remainder. Integrate Okta Auth for authentication and authorization.
- Tech Stack used: Python, Django, Django Rest Framework, Celery, OOPS, AWS

TECHNICAL SKILLS

Languages: Python, C++, Data Structures and Algorithms

Database: SQL, MySQL, MongoDB

Technologies/Frameworks: HTML, CSS, Django, Linux, DRF, Django ORM, GitHub, Git, OOPS

Developer Tools: VS Code, Jenkins, CI/CD,

Coding Platforms

- **Leetcode:** 1611+ Rating, Solved 800+ Problems

EDUCATION

SRMCEM

Aug 2017 - Aug 2021

B.Tech - Information Technology - **CGPA - 8.1**

Lucknow, India