

Prakash Yogi

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EDUCATION

Army Institute of Technology

Bachelor of Engineer in Information Technology

Pune, India

June 2020 – June 2024

EXPERIENCE

Member of Technical Staff 1

July 2023 – Present

Fyle

Remote

- **Automated Release Management:** Developed an internal tool to automatically create release branches from the master on scheduled days. This tool also automates deployment to staging environments and performs readiness checks, streamlining the release process and reducing manual effort.
- **Optimized Report Service:** Led the migration of the entire report service from old Java APIs to new Python APIs, a two-quarter initiative that resulted in a 30-40% improvement in API performance. The new codebase is more maintainable, with cleaner, better-formatted APIs.
- **Enhanced Data Synchronization:** Designed and implemented a background worker for asynchronously and batch-updating columns in read-heavy database tables, cutting POST API request times by 10% through the removal of unnecessary update triggers.
- **Timezone-Aware Automation:** Implemented timezone-aware scheduling for automated reminders and report submissions using the apscheduler library, ensuring that tasks are correctly aligned with users' local times and improving the reliability of scheduled operations.
- **Streamlined File Uploads:** Spearheaded a project to optimize file upload processes, reducing the number of API calls required by 50% and enhancing file management efficiency at the frontend level.

Backend Intern

Jan. 2023 – July 2023

Fyle

Remote

- **Revamped Testing Workflow:** Architected a wrapper over Python's Pytest framework, cutting test runtime by 50% from 10 minutes to 5-6 minutes, significantly enhancing developer efficiency.
- **Developed Expense Search Feature:** Engineered a robust search feature using PostgreSQL's tsvector data type, reducing query times by 40% and enabling efficient, accurate searches across expenses.
- **Migrated Mobile Expenses to Platform APIs:** Led the development of new Platform APIs for Fyle's mobile app, resulting in a 50-60% improvement in response times compared to the old Java APIs.

PROJECTS

Connecto | *Python, Django, JavaScript, HTML, CSS*

June 2020 – Present

- Developed a full-featured image posting app similar to Instagram, including functionalities like image uploads, user authentication, likes, comments, and notifications.
- The app supports real-time notifications, ensuring users stay engaged with timely updates.
- Used Celery and Redis for asynchronous tasks

Online Flappy Bird | *Python, Flask, Javascript, HTML, CSS, Redis*

Aug 2023 - Present

- Built an online Flappy Bird game with a fully functional Admin dashboard and Room system, capable of supporting over 1,000 concurrent players.
- Implemented continuous delivery using Github Actions to deploy latest code upon new a release
- Used Redis for caching and fast data retrieval

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, PL/SQL, Golang, JavaScript, HTML/CSS, Java

Frameworks: React, Node.js, Flask, Django, Gin, Material-UI, FastAPI

Developer Tools: Git, Docker, Amazon Web Services, VS Code, Visual Studio, Localstack

Tools: RabbitMQ, Kafka, Redis, Post

Databases: Postgresql, Sqlite, MySQL, MongoDB, Elasticsearch

Others: Data Structures and Algorithms (DSA), Cybersecurity (CTF Player)