

Prajwal - IITMBS

Prajwal Suryawanshi

Data Science | Backend Developer

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Important Links: [\[LinkedIn\]](#) [\[GitHub\]](#) [\[LeetCode\]](#) [\[PORTFOLIO\]](#) [\[CREDLY\]](#)

Summary

Backend Developer with 2+ years of experience in Python/Django/Flask, cloud deployment (AWS/GCP), and microservices. Skilled in designing scalable RESTful APIs and secure authentication. Pursuing Data Science degree at IIT Madras, combining backend engineering with data-driven solutions.

Key Achievements

- Designed real-time queue management supporting 1K+ concurrent users.
 - Implemented secure authentication systems (OAuth 2.0, RBAC) across projects.
 - Designed & Implemented scalable systems, distributed systems, CI/CD, DevOps, API security, authentication/authorization, microservices.
 - Contributed to Agile teams, delivering features in weekly sprints.
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Education

IIT Madras — *B.S in Data Science & Applications* (2023 – 2027)

Coursework: Software Development, Machine Learning, Data Structures, Statistical Methods.

Experience

Software Development Intern — GPTLearning, Pune (Aug 2024)

- Built a SaaS enterprise application using Django (microservices).
 - Applied Agile methodology for efficient development.
 - Deployed SaaS ERP platform used by 100+ clients.
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Projects

MarkMyMeet | Python - Django (*Backend Developer*) ([Live Link](#))

- Engineered a scalable appointment booking platform enabling patients to schedule seamlessly with near real-time updates.
- Designed a queue management system tested for 1K+ concurrent users, ensuring <200ms response time.
- Implemented secure authentication via Google OAuth 2.0 and RBAC.
- Collaborated with cross-functional teams (product, frontend, QA) in Agile sprints to deliver features 20% faster.
- **Stack:** Django, DRF, OAuth, AWS, PostgreSQL, Pytest

QuizMaster | Python - Flask ([Live Link](#))

- Built a gamified quiz platform supporting both admins and learners, driving interactive assessments.
 - Developed an Admin Panel for CRUD operations on quizzes, questions, and performance tracking.
 - Implemented secure password encryption with werkzeug.security, ensuring user data integrity.
 - Integrated data visualization with Chart.js, offering insights into performance trends.
 - **Stack:** Flask, SQLite, Bootstrap, Chart.js, Postman, Pytest
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Technical Skills

Languages: Python, JavaScript (React.js)

Backend & APIs: Python, Django, Flask, FastAPI, REST, Microservices

Data & Visualization: SQL, PostgreSQL, MongoDB, Chart.js

Cloud & DevOps: AWS, GCP, Docker, Kubernetes, CI/CD