

Parth Bhuskade

Aspiring MLOps / DevOps / Data Engineer

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SUMMARY

Final-year Artificial Intelligence & Data Science undergraduate building a foundation in DevOps, Data Engineering, and MLOps. Comfortable writing backend services, designing relational/non-relational data models, and building automated data pipelines and ML-serving components through personal projects. Looking for an entry-level role or internship to build practical experience with cloud infrastructure, CI/CD, and data engineering tooling.

EDUCATION

Prof. Ram Meghe Institute of Technology & Research

2023 – Present

Bachelor of Engineering – Artificial Intelligence & Data Science

Amravati, Maharashtra

- Relevant coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Deep Learning
- CGPA: 7.10 (aggregate through 6th semester)

PROJECTS

[Antarixsh](#) | *FastAPI, React, TypeScript, SQLite, WebSockets*

- Built a full-stack competitive programming platform with JWT auth, email OTP verification, timed practice, and real-time versus rooms
- Resolved backend race conditions and frontend WebSocket state bugs (duplicate match-finished events, opponent connection seeding)
- Replaced containerized code execution with local subprocess runners across Python, Node, C++, Java, and Go for lower-latency grading
- Ingested and organized 876 problems across 18 NeetCode-aligned categories from multiple datasets

[LeetTrack](#) | *Python, Discord.py, MongoDB, APScheduler*

- Built a Discord bot that automates daily/weekly LeetCode progress tracking with scheduled reports and generated analytics charts
- Implemented streak tracking, leaderboards, and 1v1 duel mode backed by a persistent data layer
- Migrated application state storage from SQLite to MongoDB and built backfill/history tooling for data continuity

[DocMeant](#) | *Next.js, FastAPI, PyMuPDF, Tesseract OCR*

- Built a document Q&A pipeline combining OCR and text extraction over PDFs with a retrieval-based Q&A layer
- Connected a Next.js frontend to a FastAPI backend as a two-service application
- Added input validation and rate limiting on API endpoints

[Scrawny Spend](#) | *React, Node.js, Express, Flask, MongoDB*

- Built a full-stack expense tracker with ML-based automatic expense categorization
- Designed and queried a MongoDB Atlas data layer across a Node/Express API and a Flask helper service
- Added user authentication and email verification

CERTIFICATIONS

- Python for MLOps — Udemy
- Data Engineer Foundations: Build Modern Data Systems — Udemy
- Introduction to Career Skills in Data Analytics — LinkedIn Learning
- Machine Learning with Python: A Mathematical Perspective — Udemy
- 100 Days of Code: The Complete Python Pro Bootcamp — Udemy
- Learn Machine Learning Course with Python A to Z — Udemy
- Java Complete Course Using Visual Studio Code — Udemy

SKILLS

Programming: Python, JavaScript/TypeScript, SQL, HTML/CSS

Databases: MongoDB, PostgreSQL, SQLite (schema design, migrations, querying)

Backend/APIs: Node.js, Express, Flask, FastAPI (REST API development, auth, WebSockets)

Tools: Git, Vercel, Netlify, Render (deployment of small apps)

Currently learning: Linux fundamentals, Docker basics, CI/CD concepts, and an introduction to cloud platforms (AWS/GCP)