

# ANSHUL KUMAR

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Portfolio : [pybyanshul.netlify.app](https://pybyanshul.netlify.app) | LinkedIn : [linkedin.com/in/anshul-kumar-at-work](https://linkedin.com/in/anshul-kumar-at-work)

GitHub: <https://github.com/PyByAnshul/>

## SUMMARY

Backend engineer with expertise in Python and FastAPI, skilled in designing scalable APIs, asynchronous pipelines, and resilient AWS deployments. Achieved 30% faster response times and automated 45% of workflows, enhancing both customer experience and system reliability.

## TECHNICAL SKILLS

- Languages: Python, JavaScript
- Frameworks: FastAPI, Flask, Django
- Databases: PostgreSQL, MongoDB
- Tools & Platforms: Docker, Redis, RabbitMQ, Git, AWS
- Other Skills: REST API design, Selenium, Web Scraping, Celery

## WORK EXPERIENCE

### Webkul | Software Engineer | <https://webkul.com>

Noida

Feb 2025 - Present

Software engineering firm specializing in e-commerce solutions

- Developed new Odoo modules in Sales, Manufacturing, and Invoicing, streamlining workflows and enhancing efficiency.
- Built high-performance REST APIs and automated third-party integrations.
- Engineered validated reporting pipelines, improving data accuracy by 60% for better client decision-making.

### Lifease Solutions LLP | Django Developer Intern | <http://cricradio.com>

Greater Noida

Sept 2024 - Jan 2025

Company delivering cutting-edge tech solutions for the cricket sports industry

- Developed FastAPI applications for high-speed data collection and processing, optimizing Celery task queues with Gevent to improve efficiency.
- Deployed services on AWS and reduced system crashes through rigorous testing, debugging, and monitoring.

### VakilDesk Pvt. Ltd. | Python Developer Intern | <https://vakildesk.com>

Delhi

Sept 2023 - Jun 2024

Company providing legal tech solutions for clients

- Engineered scalable web applications and APIs using Python, Django, and Flask.
- Automated web scraping and data pipelines with Celery and Redis.

## PROJECTS

### PyMind – AI-Powered Assistant

[pyide-egsd.onrender.com](https://pyide-egsd.onrender.com)

AI assistant capable of solving any issue handled by Gemini

- Tools: Python, Chainlit, Ollama
- Developed an AI chat app using Chainlit and Gemini for Python code help and analysis.
- Enabled file uploads, real-time responses, and persistent chat history via TinyDB.

### Cricket Insight – AI-Powered Cricket Insight app

<https://cricketinsight.tech>

AI assistant capable for giving insight of cricket data

- Tools: Python, FastAPI, Next.js, Celery, Redis, WebSockets, Web Scraping
- Built a full-stack cricket analytics platform with web scraping, MongoDB pipelines, and AI-powered query resolution for advanced match insights.
- Enabled live score updates and real-time notifications using WebSockets, improving user engagement and real-time accuracy.
- Optimized and stabilized data ingestion with fault-tolerant Celery + Redis background processing.

## EDUCATION

### Bachelor of Technology in Computer Science

Apr 2020 - Aug 2024

S.D. College of Engineering and Technology | Dr. A.P.J. Abdul Kalam Technical University

- Relevant coursework in Data Structure and Algorithm