

Durgesh Kumar

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OBJECTIVE:

Detail-oriented full-stack developer with expertise in Python, Django, and C++. Proven ability to develop scalable web applications, including social platforms and real-time messaging systems. Seeking a challenging role to leverage my skills in web development, data structures, and algorithms to contribute to innovative software solutions.

PROJECTS:

- **UNIVERSE–Django-based College Platform:**
Engineered a scalable Django platform for college students, social features, custom authentication, assignment management, and attendance tracking. Deployed on PythonAnywhere and designed responsive interfaces.
Technologies: Django, HTML/CSS, PostgreSQL
- **Command-Line Task Manager (C++):**
Developed an efficient command-line utility for task management, improving user efficiency.
Technologies: C++ STL, OOP
- Designed and implemented a command-line utility in C++ that addressed the top three inefficiencies identified by testers during usability assessments, significantly improving overall user satisfaction.
- **Chat Project – Real-Time Messaging with Django Channels:**
Built a real-time messaging system using Django Channels and WebSocket, reducing message latency.
Technologies: Django Channels, Redis, WebSocket

TECHNICAL SKILLS:

- **Programming Languages:** Python, C, C++, Java, JavaScript
- **Frameworks:** Django, React.js
- **Django Specialization:** Django-Channels, ORM, Signals, WebSocket, Redis
- **Tools & Technologies:** Git, GitHub, PythonAnywhere
- **Data Structures and Algorithms (DSA)**
- **Database Management:** MySQL, SQL
- **Other:** Object-Oriented Programming, Software Development Life Cycle

EDUCATION:

- Neelkanth Group of Institutes, Meerut | bachelor's in computer applications
July 2022 - 2025
- Relevant Coursework: Data Structures, OOP, Web Development, Database Management

CERTIFICATION:

- Python – Hacker Rank Skill Certificate
- Problem Solving – Hacker Rank Certificate
- DSA with C++ and STL– MySirG
- Full-Stack Web Development with Django – MySirG