Avnit Kumar

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GITHUB

EDUCATION

CHANDIGARH UNIVERSITY   Nov 2021 - June 2025
COMPUTER SCIENCE BACHELORS   Mohali, India
CGPA: 7.78

SKILLS

PROGRAMMING LANGUAGES	Python, JavaScript
LIBRARIES/FRAMEWORKS	Django, Django rest framework, React
TOOLS / PLATFORMS	Git, AWS
DATABASES	SQLite

PROJECTS / OPEN-SOURCE

PASSWORDLESS AUTHENTICATION WITH OTP | LINK   Python, Django, Django Rest Framework, SQLite

- Implemented passwordless authentication using OTP with custom token-based session management.
- Designed custom throttling and permissions to enhance API security and resource protection.
- Used Django ORM and Django Rest Framework serialization to process and save data.

SALON MANAGEMENT SYSTEM | LINK   Django, Django rest framework

- Implemented a hierarchical service structure using Foreign keys for salon.
- Added extra endpoints and views to traditional crud operation to support nested order management and achieve RPC-like functionalities.
- Integrated existing authentication system with role-based access control for enhanced resource security.

POLLING APP   Python, Flask

- Efficiently managed data with SQLAlchemy, showcasing strong database integration skills.
- Designed a simple and intuitive interface for creating and participating in polls.
- Enhanced user experience by implementing customizable poll features.

CERTIFICATIONS

- Django for Everybody - COURSERA
- Web Application Technologies and Django - COURSERA
- Building Web Applications in Django - COURSERA
- Django Features and Libraries - COURSERA
- Using JavaScript and JSON in Django - COURSERA
- Developing AI Applications with Python and Flask - COURSERA