

ANKIT CHAUHAN

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Skills

- Python | Django | Flask | REST API | Fast API | React | OOPS | DSA | SQL | JavaScript | HTML | CSS
- Docker | PostgreSQL | JWT | Redis | GIT | Linux | EC2 | S3 | Agile Methodology | English, Hindi

Experience

Senior Software Engineer	<u>My Next Film Pvt. Ltd.</u>	New Delhi, India	07/2021 – Present
<ul style="list-style-type: none">• Engineered a film production scheduling application using the Critical Path Method (CPM) algorithm to optimize project planning, resource allocation, and timeline efficiency resulting in a 15% in production efficiency and successful on-time film deliveries. <i>(Django, React)</i>• Integrated the budget tracking system, leading to a 10% reduction in production cost. Designed CanvasJs-based visual analytics to present daily and cumulative budgets categorized by project phase, department, and expenditure type. <i>(Django, React)</i>• Created and implemented a dynamic user dashboard (Right Hand Menu) to manage profiles, projects, and media assets (images, videos, awards, etc), providing intuitive editing and customization capabilities. <i>(Django, HTML, CSS, JavaScript)</i>• Developed a Member Profile feature enabling users to network, explore registered members, and review project portfolios, interests, and skills, fostering collaboration. And reduce the time of APIs call using redis cache system. <i>(Python, Django, React)</i>• Improved email automation, reducing manual intervention by 70% using an SMTP server, ensuring timely updates on project milestones, process completion, and critical alerts. <i>(Django, Excel Sheet)</i>• Increased customer engagement by 20% by developing customizable service packages for purchasing film-making solutions, structured by privilege levels, privacy settings, project quotas, and duration limits, delivering personalized access to premium features. <i>(Django, HTML, CSS, JavaScript)</i>• Integrated the PayU International Payment Gateway, enabling secure, multi-currency transactions with global compliance and seamless checkout experiences. <i>(Django, HTML, JavaScript)</i>• Developed a gift membership system, allowing users to send and redeem memberships, unlocking exclusive features and premium access for recipients. <i>(Django, React)</i>• Implemented an invitation module, enabling users to send personalized invites to contacts, increasing community engagement and platform growth. <i>(Django, React)</i>• Planned a messaging system for asynchronous communication, allowing users to exchange messages within the platform to enhance collaboration. <i>(Django, HTML, JavaScript)</i>• Automated reminder email workflows via scheduled cron jobs, notifying users about upcoming deadlines, renewals, and key events.• Architected and optimized RESTful APIs to facilitate seamless communication across all project modules, ensuring efficient CRUD operations (GET, POST, PUT, PATCH, and DELETE) with structured responses and high performance. <i>(Django, DRF)</i>			

Education

Bachelor of Technology	<u>DCR University of Science and Technology</u>	Haryana, India	08/2016 - 06/2020
<ul style="list-style-type: none">• Major in Computer Science and Engineering			

Projects

- **BANKING SYSTEM:** Improved core banking features for account management, transactions, and interest calculations. **(12/2019)**
- **CHAT APPLICATION:** Leveraged users to send and receive texts in real time with notification. **(04/2019)**
- **PERSONAL ASSISTANT:** Assembled a personal assistant that executes system-related tasks and services based on user commands with the ability to recognize 25+ internal commands. **(11/2018)**
- **MUSIC PLAYER:** Engineered a smart music **player** that accesses **local files, folders** and searches **online** for songs via **voice or text commands**. **(04/2018)**

Achievements

- Earned a **Machine Learning Hands-on Python** certification through an online course. **(07/2019)**
- Successfully completed a **Python training program** at **TECHAVERA Training & Development Placement**. **(11/2019)**