AFFIL P M

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SUMMARY

Self-driven Full-Stack Developer with 1.5 years of hands-on experience building web applications using Python, Django, Django REST Framework (DRF), and React.js. Skilled in creating responsive user interfaces, designing RESTful APIs, and integrating database solutions. Passionate about writing clean, efficient code and continuously improving through real-world projects. Ready to grow as a developer and open to exploring other programming languages and technologies.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, PostgreSQL, MongoDB
Frameworks & Libraries: Django, Django REST Framework, React.js, Redux, Bootstrap, Tailwind CSS, Material UI, Celery
Databases: PostgreSQL, MongoDB, Redis (caching)
Tools & Services: Git, GitHub, VS Code, Figma, Postman, AWS (S3, EC2, CloudFront), Docker, Webpack, HLS Player
Web Servers: Nginx, Gunicorn, Daphne (ASGI/WSGI)
API Technologies: REST
Authentication: JWT, OAuth, Session-based auth
Payment Integration: Razorpay

PROJECTS

Wave – Music Streaming Platform | *Python, Django, React.js, Redis, Celery, AWS S3* | 🐙 **GitHub**
- Developed a full-stack music streaming application with Django backend and React.js frontend
- Built RESTful APIs using Django REST Framework for artist music upload and management functionality
- Integrated Apple HLS player for streaming music; premium users can select and change music quality
- Implemented Celery to process and generate music files in multiple quality variants, stored in AWS S3 and served via CDN for fast delivery
- Created premium subscription model with Razorpay payment gateway integration
- Containerized application with Docker and implemented CI/CD pipeline for automated testing

Fruitkha – E-Commerce Platform | *Django, React.js, PostgreSQL* | 🐙 **GitHub**
- Built comprehensive e-commerce platform using Django and React.js
- Implemented core features: shopping cart, wishlist, digital wallet, and address management
- Integrated multiple payment gateways and automated order processing with email notifications
- Created admin dashboard with sales analytics and inventory management functionality
- Developed optimized product search with filters and sorting capabilities
- Designed coupon management system and special offers functionality
- Ensured mobile-responsive UI using Bootstrap and custom CSS
- Utilized PostgreSQL for efficient data management with transaction support

Blog Platform | *Django, DRF, PostgreSQL, AWS S3* | 🐙 **GitHub**
- Developed a full-stack **Content Management System** with Django and REST APIs for publishing and managing blogs.
- Implemented **JWT-based authentication**, role-based access, and secure user management.
- Built features including **rich text editing, media uploads (AWS S3)**, comment moderation, and category-based content organization.

- Created an **admin dashboard** with analytics, user management, and post moderation capabilities.
- Ensured **responsive design** and interactive engagement features such as likes, comments, and view tracking.

Task-Manager | *Django, React.js, PostgreSQL, Docker* | ☗ **GitHub**
- Developed **Task-Manager**, a full-stack web application for efficient task organization and user management.
- Built a responsive frontend using **React, Vite, TailwindCSS, and Redux** for seamless state management and modern UI.
- Implemented a scalable Django backend with **RESTful APIs**, integrated **OTP and password-based authentication**, and secure route protection.
- Utilized **Docker and Docker Compose** for containerized deployment, enabling cloud-ready scalability.
- Conducted testing with **pytest** to ensure robust and reliable functionality.

MINI PROJECTS

OLX Clone | *React, Firebase* | ☗ GitHub
Developed an online marketplace platform with **secure authentication**, **real-time product listings**, and **image uploads** using Firebase backend.
Designed an intuitive, **responsive UI** for posting, browsing, and managing ads.
Optimized performance with **progressive image loading** and implemented a **modular React architecture** for scalability.

Netflix Clone | *React, JavaScript, CSS* | ☗ GitHub
Built a streaming platform interface clone with **movie browsing**, **category-based filtering**, and dynamic rendering of content.
Designed a modern, **responsive UI** using React components and CSS animations to enhance user experience.
Implemented **API integration** for fetching and displaying movies dynamically.

User Management System | *Django REST, React, Redux* | ☗ GitHub
Developed a user management system with **JWT authentication**, **registration**, **login**, and **profile management** using Django REST Framework and React.
Implemented **role-based access control** with admin and user permission levels.
Designed **responsive UI components** using Material UI and managed state with Redux.

ACHIEVEMENTS

Solved **170+ problems** on LeetCode, showcasing strong analytical thinking, algorithmic knowledge, and problem-solving ability.

EDUCATION

Brototype Full-Stack Development Bootcamp   Kerala, India
Full-Stack Web Development (Python - Django & React.js)   *Completed*
- Completed the **Brototype Full-Stack Development Bootcamp**, focused on **Python (Django)** and **React.js**.
- Gained hands-on experience in backend and frontend development, REST APIs, and full-stack deployment.
- Successfully completed **4 full-stack projects** as part of the program.

Lovely Professional University (Online)   Punjab, India
Bachelor of Computer Applications (BCA)   *Currently Attending*
- Pursuing an online BCA program to strengthen foundational knowledge in computer science, databases, and software development.

Soft Skills

Strong problem-solving abilities and analytical thinking • Effective communication with technical and non-technical stakeholders • Excellent time management and ability to meet deadlines • Quick learner adaptable to new technologies and frameworks • User-focused approach to development • Attention to detail and commitment to code quality

Languages

English: Professional working proficiency