

Amaan Siddiqui

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Projects

Streaming Service Platform | Python Django, Amazon S3, PostgreSQL Jun 2023 - Apr 2024

- Developed a scalable video streaming platform using Python Django and PostgreSQL for robust data management and media storage.
- Integrated Redis and AWS CloudFront to optimize caching and content delivery, reducing load times and enhancing user experience.
- Optimized backend API performance with Django REST Framework (DRF), reducing response time by 40%.
- Implemented adaptive bitrate streaming, ensuring smooth playback across varying network conditions.

E-Commerce Management System | Node.js, Express.js, Angular, MySQL Jan 2025 – Present

- Designed and developed a full-stack application leveraging Node.js, Express, and Angular for a dynamic and responsive UI, connected to a MySQL backend.
- Built efficient API routes to manage user requests, facilitating smooth data flow between client and database.
- Implemented Angular components for a seamless, responsive user interface, improving user experience.
- Deployed a modular application architecture, enhancing maintainability and scalability.

Blog API | Node.js, Express.js, PostgreSQL Aug 2024 – Oct 2024

- Developed a RESTful API in Node.js and Express to manage 1,000+ blog entries with high concurrency and low latency.
- Adopted a modular architecture (controllers, models, routes) to improve code maintainability and facilitate future expansion.
- Enhanced data retrieval performance by restructuring queries and adding indexing, resulting in a 30% speed improvement.

Education

University of Mumbai, Rizvi College of Engineering (Bandra) Jan 2020 - Jun 2024
Bachelor of Engineering, Electronics and Computer Science
CGPA: 8.31/10

Skills

Programming Languages: Python, JavaScript, C, C++, Bash/Shell Scripting, HTML, CSS
Frameworks: Django, Express.js, Node.js
Libraries/Tools: EJS, Postman, Angular
Databases: MySQL, PostgreSQL, MongoDB
Version Control: Git