Ebrahim Gory

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PROFESSIONAL SUMMARY

Software engineer with real-world experience building scalable, high-performance systems using Python and event-driven architectures. Thrive in fast-paced, feedback-driven environments with a strong bias for action, curiosity, and technical rigor.

EDUCATION

Herbert H. Lehman College   **May 2024**
B.S., Computer Science   Bronx, NY

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript/TypeScript, C++, Bash
Frameworks: FastAPI, Django, Express.js, Node.js
Systems & Architecture: Event-driven architectures, REST APIs, microservices, distributed systems
Databases: PostgreSQL, MongoDB, Redis
DevOps & Infrastructure: Docker, CI/CD (GitHub Actions), AWS EC2/S3/RDS
Other: Git, Figma

WORK EXPERIENCE

Software Developer – Reality AI Labs   Nov 2024 – Present
New York, NY

Led the development of a secure Settings interface using Next.js and Firebase Auth, adding password reset functionality with robust input validation that prevented 95% of common reset errors.

- Implemented session expiry logic and comprehensive error handling for password reset workflows with Firebase Authentication.
- Created editable User Profile pages with profile image upload, bio, and social link features, fully integrated into the Next.js app.
- Built a modular, responsive dashboard UI using Next.js and Tailwind, featuring persistent navigation and dynamic components.
- Supported backend development for Marvel Launchpad's dashboard via Firestore and Next.js API routes, achieving sub-300ms load times.

PROJECTS

Court Vision — NBA Analytics Dashboard   Mar 2025 – Present
https://github.com/EbraGory33/CourtVision
FastAPI, PostgreSQL, React, GraphQL, AWS

- Built a full-stack analytics dashboard to visualize NBA player and team performance, supporting 50+ data visualizations with real-time interactivity.
- Developed a FastAPI backend integrated with PostgreSQL, handling 100,000+ API requests per week with sub-200ms average latency.
- Implemented dynamic routing with parameterized URL patterns, reducing code duplication by 80% and enabling scalable support for 1,000+ unique player profile pages.
- Built stateful UI components with useState and useReducer to handle complex interactions, reducing task completion time by 30% and improving frontend responsiveness.
- Mapped API architecture in Lucidchart, reducing development time by 25% and minimizing redundant endpoint calls.

E-Commerce Platform   Dec 2024 – Feb 2025
https://github.com/EbraGory33/ecommerce_platform
Django, PostgreSQL, React, Docker, Stripe

- Implemented backend services using Django REST Framework to manage user authentication, product catalogs, and order workflows, supporting over 1,000 transactions.
- Developed and integrated RESTful API endpoints for user, cart, and order management, optimizing queries and adding Redis caching to support 2x user load while reducing average response time to <200ms during stress testing.
- Implemented JWT-based authentication and secure session handling, eliminating token expiration issues and enabling persistent login across 500+ daily active users without manual reauthentication.
- Configured and optimized multi-service Docker containers, including a PostgreSQL database, backend (Django), and frontend (React), streamlining developer onboarding and environment consistency.