Dennis Gurban

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Fullstack Developer | Developing AI-Enhanced Web Solutions

Fullstack developer with expertise in React, Next.js, Django, and AWS, building scalable AI-powered web platforms. Skilled in problem-solving, optimizing workflows, and delivering high-performance applications while collaborating with remote teams to drive innovative solutions.

Work Experience

Preply, Virtual — *Python & Django Tutor*
July 2024 - PRESENT

- Delivered 200+ hours mentoring 45+ students in Python, Django, & RESTful APIs, enabling them to build and deploy scalable, high-performance web applications.

UPS, Parsippany-Troy Hills — *Information Systems Management Co-op*

April 2022 - October 2024

- Reduced query execution time from 5s to 2s and cut total completion time by 60% across millions of queries by profiling database calls and resolving key performance bottlenecks.
- Decreased defect density by 30% and achieved 80% test coverage by integrating automated unit and integration testing into each sprint cycle, resulting in cleaner, more reliable code.
- Increased customer satisfaction by 15% by contributing to the implementation of real-time package tracking notifications, reducing support inquiries and improving delivery transparency.
- Improved application responsiveness by 10–15% by implementing on-demand component loading, reducing overall load times and enhancing user experience.

Projects

Fullstack React Express: Task Management System
Live Demo

- Built a responsive task management system using React with a Node.js/Express/SQLite backend.
- Implemented full CRUD operations and integrated RESTful APIs for scalable, persistent data management.

Django: Blog Post Platform
Live Demo

- Secured user authentication by implementing account sign-up and login features with password verification and facial recognition, using Python biometric libraries and OpenCV integrated with Django.
- Enabled authenticated users to create and manage blog posts, enhancing both security and user engagement.

Skills

Frontend Development: React, Redux, Next.js, Jest, HTML, CSS, Tailwind CSS, SASS
Backend Development: Django, Express, SQL (SQLite)
Programming Languages: Python, JavaScript, TypeScript

Education

Ramapo College of New Jersey — *Bachelor of Science: Computer Science*

September 2020 - August 2023, Mahwah, NJ