Vivian Rodriguez *Full Stack Developer*

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🔗 https://percussor-hash.github.io/portfolio-master

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🪪 Profile

Full Stack Developer with experience in building and deploying scalable, user-focused web apps. Skilled in **Python backends** (Flask, FastAPI), **React/TypeScript**, and **custom Shopify storefronts** using Liquid and Shopify APIs. Passionate about clean APIs, performance, and integrating **GenAI** to boost usability and productivity.

🎓 Education

Bachelor of Technology   2020 – 2024 | Bangalore, India
PES University
Department: Computer Science Engineering
CGPA: 8.77

Pre-University   2018 – 2020 | Bangalore, India
Narayana PU College
Stream: PCMC
XII Grade: 95.34%

High School   2016 – 2018 | Bangalore, India
Narayana Olympiad School
Board: CBSE
X Grade: 95.8%

💼 Experience

Netradyne   01/2024 – present
Full Stack Developer
Key Contributions: **Netradyne E-commerce Platform**
- **Developed a custom storefront on Shopify**, implementing personalized filtering, sorting, product variants, and cart logic—reducing manual order placements by nearly **70%**.
- Improved **frontend workflows**, cutting load times by over **80%** to enhance user experience.
- Built **Python backend APIs** with **JWT-based authorization**, enforcing **customer-specific business rules** for secure shopping.
- Automated **lead generation emails** from the frontend, reducing support effort and accelerating customer engagement.
- Managed **deployments** across **dev, staging, and prod** using **AWS** and **Jenkins**, maintaining **99.9% uptime** and **<50ms API response times**.
- Resolved **frontend bugs** causing unintended product visibility and fixed **VAPT-reported vulnerabilities** in collaboration with **QA/security teams**.

Key Contributions: **DevNotesAI (Internal Tool)**
- Built a **GenAI-powered tech journal** using **React.js (TypeScript)**, **FastAPI**, and **PostgreSQL** to streamline note-taking and improve team productivity.
- Integrated **facebook/bart-large-cnn** summarization model via **Hugging Face Transformers**, enabling **on-device summarization**.

Exponential 05/2023 – 08/2023
API Developer – Amazon Scraper API
Tech Stack: *Express.js, Puppeteer, Swagger, Node.js*

- **Developed RESTful APIs** using **Express.js** and **Puppeteer** to scrape and serve product data (title, price, image) from **Amazon.in** ⬈ **and Amazon.com** ⬈ , bypassing the need for official product keys.
- Achieved **response times under 500ms** on average across paginated search queries, optimizing data retrieval efficiency.
- **Documented APIs** with **Swagger** and implemented **retry logic** and pagination, ensuring resilience and reliability.

⊛ Skills

Core Technologies:
Python (Flask, FastAPI), JavaScript (ES6+), React (TypeScript), HTML5/CSS3, PostgreSQL, Liquid, RESTful APIs

DevOps & Tools:
AWS (EC2), GitHub, Jenkins, Postman, Swagger, Shopify (Liquid, Theme Customization, Storefront/Admin APIs, Webhooks, Metafields)

AI/ML & GenAI Integration
Hugging Face Pipelines, Local Inference Pipelines, LLM API Integration

⌕ Certifications

- **Software Architecture & Design of Modern Large Scale Systems**
- **Advanced AI/ML - Hewlett Packard Enterprise (HPE)**
- **AWS Educate Introduction to Cloud 101**
- **ML-PESU IO**
- **Intro To Machine Learning- Kaggle**

⊟ Projects

GuardianNet: Client-Server SafeChat ⬈
https://github.com/Percussor-hash/GuardianNet
Developed a multi-client chat application using Python sockets, enabling real-time communication between users via the command-line interface. Incorporated dynamic censorship to filter slang and inappropriate language, maintaining a respectful chat environment while handling multiple simultaneous connections smoothly.

TextCraft: The Art of Text-to-3D
https://drive.google.com/drive/folders/1-bqam9H7jg6uv9hSdsGvMMD8R0cdOXG2
Developed a neural pipeline that transforms text descriptions into detailed 3D models with style transfer. This approach **improves FID scores by 30%,** enabling faster and more accurate creation of stylized assets for gaming, animation, and virtual environments.