

Rodolfo Espinosa-Nunez

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PROFESSIONAL SUMMARY

Software Engineer with experience designing, building, and maintaining scalable web applications and enterprise workflow systems. Skilled in RESTful API development, relational database design, and secure multi-role architectures. Experienced in full software development lifecycle including requirements analysis, testing, debugging, deployment support, and system optimization. Strong analytical problem-solver with hands-on experience modernizing operational processes through reliable, maintainable software solutions.

TECHNICAL SKILLS

Programming: Python, PHP, JavaScript, SQL,

Backend Development: Django, Flask, RESTful API design

Frontend Development: React, Angular, HTML5, CSS3

Databases: PostgreSQL, MySQL (schema design, query optimization)

PROFESSIONAL EXPERIENCE

IT Support & Web Application Developer – Rutgers University, Newark, NJ | May 2025–Present

- Contributed to the development of a role-based web application replacing a manual institutional workflow.
 - Designed and implemented RESTful APIs and structured relational database schemas.
 - Applied object-oriented principles to backend service logic and data validation.
 - Collaborated with cross-functional stakeholders to translate user requirements into working application features.
 - Participated in testing, debugging, and deployment processes to ensure application stability.
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Technology Consultant & Software Engineer – Dream to Succeed Foundation, June 2025–Present.

- Develop and Maintain React-based web app supporting educational and non profit initiatives.
 - Manage cloud-hosted platforms, deployments, integrations, and website enhancements.
 - Support Salesforce CRM implementations, campaign management, reporting, and automation workflows.
 - Evaluate technology solutions, learning platforms, and digital transformation opportunities for partner organizations.
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DTA – Diet Generator Platform (Django + React) | SaaS Project, 2023–Present.

- Designed and built a full-stack SaaS application using Django backend and React frontend.
 - Developed RESTful APIs and implemented role-based authentication and access control.
 - Structured PostgreSQL relational models to support dynamic data workflows.
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Freelance Web Developer – Net-Mundo, Lodi, NJ | May 2023–Present

- Developed client-facing websites and backend functionality using modern JavaScript frameworks.
- Integrated APIs and implemented custom features to improve user experience.
- Maintained version control using Git and resolved performance and functionality issues.

Owner – FitFirm247, Morris Plains, NJ | Sep 2017–Apr 2022

- Scaled an influencer-driven online nutrition business to \$50K+ revenue months through performance-based partnerships and optimized sales funnels.
 - Designed and manually produced personalize diet program using advanced Excel models and macro-based calculations.
 - Built and led a distributed bilingual team (5 members across US and Colombia), overseeing fulfillment, QA, and customer support.
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EDUCATION

B.S. Computer Science – Rutgers University, Newark, NJ (Expected 2027)

Full Stack Web Development Certificate – Rutgers Bootcamp, 2023

A.A. Business – County College of Morris, Randolph, NJ