Mauricio Sebastian Rivera Perez

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PROFESSIONAL SUMMARY

A dedicated Information Technology student at the New Jersey Institute of Technology with proven experience in a Lead Software Engineer role. I combine academic knowledge with hands-on skills in full-stack development. I am eager to apply both classroom theory and practical experience to solve complex problems in any kind of role.

WORK EXPERIENCE

Khan Design   **February 2024 – Present**
Lead Software Engineer   *Framingham, MA*
- Guided and developed web applications using growing technologies alongside the team
- Led collaboration with designers to create a brand-centric layout, ensuring seamless UI integration
- Refactored a custom user system into a role-based access control (RBAC) for improved security and scalability
- Implemented CI/CD pipelines in Azure DevOps, automating deployments to Cloudflare Workers
- Used Docker to deploy private backend tools, improving employee productivity by 30%
- Mentored interns, ensuring proficiency in a rapidly evolving codebase

Software Engineer   **February 2024 – January 2025**
- Designed, implemented and refactored UI components from over 3 projects
- Reviewed issues and pull requests created by team members, offering comprehensive solutions
- Researched and evaluated new technologies to enhance application performance and development workflows

Freelance Web Developer   **September 2021 – December 2024**
                                                                                     Irvington, NY
- Engineered, hosted, and maintained websites for more than 12 clients and organizations, implementing modern frameworks and scalable solutions
- Designed and deployed a static-generated site for a law firm, implementing an email system that increased client interactions by 22%
- Developed an interactive website for a Kenyan nonprofit with animation that promoted donations
- Generated unique scripts for a Spanish server, with over 200 concurrent users

EDUCATION

New Jersey Institute of Technology   **Expected May 2027**
Bachelors, Information Technology   *Newark, NJ*
- **Relevant Coursework:** Designing the User Experience, Programming Language Concepts, Principles of Operating Systems, Internet Applications, Database Design & Management Applications

TECHNICAL SKILLS

- **Languages:** Javascript, Typescript, Lua, Golang, Java, PHP
- **Frontend:** Svelte, ReactJs, VueJs, TailwindCSS, Shadcn, Wordpress
- **Backend:** MySQL, PostgreSQL, SQLite
- **DevOps & Tools:** Docker, Git, GitHub, Azure DevOps, Vercel, Cloudflare

LANGUAGES & INTERESTS

- Languages: Fluent in English and Spanish
- Interests: Open-source contribution, team leadership, portrait photography, and user experience optimization