Ericka Bermúdez

Full Stack Developer | erickabdz@gmail.com | ericka.dev

Work Experience

Full-stack Developer. *Prograpp — 2022 – Present*
• Development of scalable applications using Next.js, tRCP, Postgres and Firebase.
• Transformed design wireframes and prototypes into fully functional, responsive code, ensuring alignment with UX/UI guidelines. Documentation in Storybook.
• Designed and implemented internal APIs, and leveraged third-party APIs.
• Deployed web applications via AWS (Elastic Container Service, Elastic Beanstalk, EC2, S3, CloudWatch)
• Onboarded and mentored junior developers, guiding them on the tech stack, project setup, issue resolution, and PR reviews to ensure code quality and best practices
• Architected and implemented large-scale data processing modules and LLM-based automation.

Front-End Developer. *X-Labs (Vog App Developers) — 2021 – 2022*
• Developed dynamic and responsive websites using Vue, ReactJS, Node, and Django.
• Utilized CSS frameworks such as Bootstrap and Tailwind CSS to create modern, user-friendly interfaces.

Python Instructor. *IA Center — 2021*
• Delivered a programming seasonal course to over 50 students, teaching foundational Python skills via Microsoft Teams and CISCO platforms.

Full-Stack Developer. *Leading Technologies — 2020 – 2021*
• Designed and implemented data models and API integrations, translating business needs into software solutions.
• Developed e-commerce platforms with Angular, Node.js, MongoDB and Firebase.

Developer Intern. *Universidad Autónoma de Chihuahua — 2019*
Planned, designed, and developed HR department modules using Play Framework (Java), Node.js, and Bootstrap.

Education

Master's Degree on Engineering with Specialty on Data Analytics — 2022 - 2024
Hankuk University of Foreign Studies, South Korea

Bachelor's Degree in Computer Science — 2017-2021
Universidad Autónoma de Chihuahua, Mexico

Bachelor's Degree in Information and Communication Technologies Management — 2014 - 2017
Universidad Autónoma de Chihuahua, Mexico

University Projects

- Co-led the university's Programming Club, teaching software development basics to +10 students per semester for two years
- Worked closely with a company to develop a software framework for machine learning that incorporated blockchain in an international team of +5 people as leader.
- Published and co-published research papers on machine learning, UI design and LLM.

Skills and Certifications

Technical Skills: Advanced in Python, Typescript, HTML/CSS, NoSQL. Proficient on SQL, Java, Figma and Storybook. Use of unix-based operating systems, Docker and Pulumi. Wordpress development. Unit testing with Jest.

Languages: Spanish (native). Fluent English (TOEFL iBT 108). Basic Chinese and Korean.

Certifications & Training: Innovating in Industry 4.0 with Microsoft Technologies (CONOCER), Digital Transformation (University of Virginia), Python 3 Programming Specialization (University of Michigan)