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Andi Montilla Sánchez

Full Stack Developer / Lead Developer

[Summary]

+4 years experience as a Full Stack Developer with strong understanding of both front-end and back-end development. Proven ability to develop and deliver high-quality web applications using a variety of technologies. I've collaborated with multidisciplinary teams and led small teams (5 - 10 developers). Excellent problem-solving and debugging skills.

Most recent Work Experience

Project Developer / Lead Developer at Zuluaga Media

Jun, 2022 - Jan, 2023 [Toronto, Canada] [IT, Marketing and Software Development - B2B/B2C]

RESPONSIBILITIES

- Lead a team of 10 programmers providing mentoring in order to improve their programming skills.
- Develop a progressive app with Nextjs for customer registration, task assignment, personnel management, payroll and service administration.
- Coach and mentoring the team to follow Agile principles and develop a lean and MVP mindset, user-centered, encouraging experimentation and constant feedback while ensuring high quality and knowledge sharing.
- Develop microservices based on Nodejs / Flask to connect with Google Cloud and storing data related to the operation of the internal processes of the company.

KEY ACCOMPLISHMENTS

- Improved my team's efficiency by reducing the learning curve from 12 months to 7 months by promoting the use of XP practices, pair and group programming. Full Stack principles and an experimentation mindset.
- Built a progressive web application (PWA) on Nextjs and Ractjs as front-end, Nodejs and Flask as back-end and MongoDB as database using agile methodology and SCRUM principles and values.
- The team scaled their knowledge by expanding their technological horizons from PHP, Wordpress and Elementor to MERN Stack, Nextjs and Flask with reactive design patterns.

Team Lead Developer at TIDV Tech

Jan, 2021 - Apr, 2023 [San Cristobal, Venezuela] [Software Development and Mentoring - B2C]

RESPONSIBILITIES

- Build and plan high-quality programming content for people at different learning levels.
- Coach and mentoring programming students.
- Evaluate the mentoring program on a regular basis to ensure that it is meeting its goals.
- Lead a team of 5 mentors and instruct them in the use of study and learning techniques.
- Develop a progressive web application for the company where educational content can be uploaded in video format courses on programming and web development.

KEY ACCOMPLISHMENTS

- The knowledge of 150 students of the computer science career was increased where they learned the use of current and on-demand technologies such as Nodejs, Reactjs, Git, Docker and others.
- Increased my team's engagement by creating a psychologically-safe environment and a continuous, transparent feedback culture.
- The knowledge of my team in new technologies, good practices and programming principles with clean and scalable code was improved.
- Built a progressive web application (PWA) on Nextjs as front-end, Flask as back-end and MongoDB as database using agile methodology and SCRUM principles and values.

Full Stack Developer / University Professor at Tachira's University Institute (IUT)

Mar, 2019 - Present [San Cristobal, Venezuela] [Education]

RESPONSIBILITIES

- Develop and maintain the curriculum for the computer science program.
- Teach a study program in computer science that includes: programming languages (as JavaScript, Python and C++), web development, data structures and algorithms, and English for software development.
- Mentor students in their research and development projects.
- Develop a web application with Reactjs as front-end and Nodejs as back-end for raising grades and creating study programs.

KEY ACCOMPLISHMENTS

- Developed a new curriculum for the software development program that is aligned with industry standards.
- Mentored several students who have gone on to successful careers in computer science.

- Taught English for software development to students, helping them to improve their communication skills and their ability to work in the industry.
- Developed a web application that helps students to raise their grades and create study programs. The application provides access to a variety of resources, including practice problems, quizzes and study guides tracking their progress and getting feedback on their work.

Soft skills

- ★ Fast learner
- ★ Strategic planning
- ★ Team player
- ★ Lean mindset
- ★ Inclusive leadership
- ★ Abstract thinking
- ★ Adaptability

Tech skills

- ★ JavaScript (Reactjs, Nextjs, Nodejs)
- ★ Python (Flask, Django)
- ★ Git / GitHub
- ★ MySQL / PostgreSQL / MongoDB
- ★ Docker
- ★ Object-Oriented Programming (OOP)
- ★ Test-Driven Development (TDD)

Education

Software Engineer at Tachira's University Institute (IUT)

Sep, 2017 - Nov, 2021 [San Cristobal, Venezuela]

Languages

Spanish (Native), English (B2+), Portuguese (A1+)

Courses

Full Stack Developer with JavaScript: <https://platzi.com/p/beltz18/ruta/100-javascript-full-stack/diploma/detalle/>