Andy Montalvo

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PROFESSIONAL SUMMARY

Front-End developer skilled at writing well-designed, and efficient code using current best practices. Fast learner, hard worker and team player who is proficient in an array of scripting languages such as JavaScript, TypeScript, Python and PHP.

SKILLS

Languages: Spanish (Native speaker) and English (TOEFL B2)
Programming: HTML5, CSS3, JavaScript, TypeScript, Python, PHP, SQL
Frameworks and libraries: ReactJS, Redux, Node.js, Express, Jest, Cypress, JQuery, StyledComponents, Sass, Bootstrap, Material-UI, CodeIgniter, OpenCV, PyTorch, Scikit-learn, NumPy, Matplotlib, SciPy.
Databases: Firestore, MongoDB, Microsoft SQL Server, MySQL, PostgreSQL
Hosting: Firebase, Heroku, Netlify, GitHub Pages
Version Control: Git, GitHub
Other tools: Postman, Pentaho Data Integration
Microsoft Office package: Microsoft Word, Excel, PowerPoint
Other skills: Teamwork, self-motivated, accurate,initiative, organized.

WORK EXPERIENCE

04/2020 – present

Front-End Developer (Freelance)
Nexxtway. Guadalajara, Mexico
Responsibilities:
- Specialized in front-end development using ReactJS, and Styled Components.
- Conducted quality assurance tests using Jest, Enzyme and Cypress to look for errors, developing and implementing effective solutions to the issues.
- Implemented and maintained components in react-rainbow-components and rainbow-modules libraries.
- Completed front-end development tasks, and maintained high productivity and efficiency using an agile methodology.

06/2017 – 12/2018

Full-Stack Developer
ETECSA- Empresa de Telecomunicaciones de Cuba S.A. Havana, Cuba
Responsibilities:
- Specialized in web development and database administration using PHP/CodeIgniter, Microsoft SQL Server, MySQL, and PostgreSQL.
- Developed a web application that helped to increase company efficiency and productivity by 80%.
- Worked on back-end development tasks such as coding, ensuring the work was done with precision.
- Performed regular maintenance, troubleshooting, system restores, and system backups when necessary.

09/2016 – 06/2017

Front-End Developer
Ministerio del Transporte. Havana, Cuba
Responsibilities:
- Specialized in HTML5, CSS3, and JavaScript. Framework: Bootstrap. Collaborated with designers and other team members to create clean interfaces and to optimize the experience and interactions of the user.
- Met with management to determine the needs of a website to ensure it reached its goals.
- Remained up to date on current development practices and standards to produce only the latest and highest-quality work.
- Worked with team members, communicating about the information to be contained on the website, and how to present it effectively.

EDUCATION

2019 - 2021

Master of Science in Electronics Engineering, Technological Institute of Celaya. Celaya, Mexico. Thesis: "Electronic System for Detecting Potholes and Speed Bumpsfor Cars". Focus on Electronics, Deep Learning and Computer Vision using Python inan NVIDIA Jetson Nano.

2011 - 2016

Telecommunication and Electronics Engineer, José Antonio Echeverría Technological University of Havana-Cujae. Havana, Cuba. Thesis: "Vibration measurement for leak detection in water distribution networks". Focus on digital signal processing using Python in a Raspberry Pi.

PUBLICATION

"A Mamdani fuzzy system implementation on Arduino UNO and FPGA". 2020 11th IEEE Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON). 4-7 November 2020.