

Manuel Chavez

Full-Stack Software Developer

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Personal Profile

Full-stack Web Developer with more than a decade of Mechatronics experience, skilled in building responsive applications using React and Node.js, among others. Combines technical precision and innovative problem-solving to optimize performance and enhance user experiences.

Education

- Fullstack Web Development Certification, CareerFoundry GmbH, 2023 - 2024
- Mechatronics Engineering, Universidad de Sonora, 2011 - 2017 (incomplete)
- Mechatronics Technician, CBTS 11, 2008 - 2011

Professional Experience

Fullstack Web Developer

J&G Agency GmbH | Feb 2024 - May 2024

- Developed frontends with Angular and VueJS.
- Built robust backends with Node.js.
- Participated in planning new applications, enhancing user engagement and satisfaction.

Material Testing Technician

WTBrinkmann GmbH | Sep 2020 - Present

- Conducted non-destructive testing (VT, RT, MT, HT, UT, PT) on welded structures.
- Evaluated and reported defects to ensure structural integrity and safety compliance.
- Always ready for extra tasks, maintaining high inspection standards.

Systems Integration

AMETEK, Inc. - Spectro Analytical Instruments GmbH | Mar 2022 - Jun 2023

- Assembled high-tech elemental analyzers, integrating electronics, mechanics, and software.
- Created detailed documentation for global markets.
- Led department to top performance in speed and avoiding setbacks.

Kfz-Mechatroniker

LDJ KFZ Service BMW MINI | Aug 2021 - Jan 2022

- Diagnosed and repaired electrical and mechanical systems in vehicles.

Production Technician

Aluxe GmbH | Aug 2020 - Sep 2021

- Manufactured precision aluminum components for design windows, slide doors and terraces.
- Operated CNC machines and maintained high-quality standards and improving production times.

Program Manager Assistant

Universidad de Sonora | Sep 2014 - Dec 2018

- Assisted in organizing academic programs for students, faculty, and staff.
- Collaborated with the IT department to improve internal processes and helped students address their needs efficiently.

Electronics Technician

Ford Motor Company | Sep 2012 - Dec 2014

- Analyzed and repaired automotive electronic systems. Programmed modules and keys, wiring and connectors repairs. Reduced assembly line downtime by at least 15% through training production line workers.

Skills

Technical:

- HTML
- CSS
- JavaScript
- Python
- Angular
- React
- Vue
- Bootstrap
- Vuetify
- Node
- Express
- Django
- Git
- SQL/NoSQL (PostgreSQL, MongoDB)
- Docker
- CI/CD
- Scrum
- Kanban
- Figma
- Heroku
- React Native
- Netlify

Soft:

- Proactivity
- Quick Learning
- Adaptability
- Strong Communication
- Teamwork
- Self-Management
- Problem-Solving
- Critical Thinking

Languages

- English
- German
- Spanish
- Greek