

**+8
Years
EXP**

Emanuel Navas

Developer

[Electronic](#) [Software](#)

I am a passionate developer with expertise in both software development and electronic engineering. With over 8 years of experience, I specialize in creating innovative solutions that bridge the gap between hardware and software.

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Designed by Readdy

Skills & Expertise

Software Development

</> Frontend Development

JavaScript	95%	React	90%
HTML/CSS	98%	Vue.js	85%

🗂 Backend Development

Node.js	92%	Python	88%
SQL/NoSQL	90%	API Design	94%

Electronic Engineering

🔧 Embedded Systems

Arduino	96%	Raspberry Pi	93%
Microcontrollers	91%	Circuit Design	89%

🏠 IoT & Automation

IoT Protocols	94%	Sensor Integration	92%
MQTT/CoAP	88%	Home Automation	90%

Featured Projects

[All Projects](#)[Software](#)[Electronic](#)

Smart Home Automation

Complete IoT system for home automation with mobile app control

[IoT](#) [React Native](#) [Arduino](#) [MQTT](#)

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Data Analytics Platform

Real-time data visualization dashboard for business intelligence

[Vue.js](#) [D3.js](#) [Node.js](#) [MongoDB](#)

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Health Monitoring Wearable

ECG and vital signs monitoring device with cloud connectivity

[PCB Design](#) [ESP32](#) [BLE](#) [AWS IoT](#)

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E-Commerce Platform

Full-stack online store with payment integration and inventory management

[React](#) [Node.js](#) [PostgreSQL](#) [Stripe API](#)

[View Project →](#)

Agricultural Drone System

Autonomous drone for crop monitoring with ML-based analysis

[Drone Design](#) [Python](#) [TensorFlow](#) [Computer Vision](#)

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Language Learning App

Interactive mobile application for language acquisition with AI

[Flutter](#) [Firebase](#) [NLP](#) [Speech Recognition](#)

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Work Experience

Senior Full-Stack Developer

[TechInnovate Solutions](#)

2020 - Present

Led the development of enterprise-level web applications and IoT solutions. Managed a team of 5 developers and implemented CI/CD pipelines that reduced deployment time by 40%.

[React](#) [Node.js](#) [AWS](#) [IoT](#)

Electronic Systems Engineer

[SmartTech Industries](#)

2017 - 2020

Designed and implemented embedded systems for consumer electronics. Created firmware for microcontroller-based products and developed testing protocols that improved product reliability by 35%.

[Embedded C](#) [PCB Design](#) [Firmware](#) [Testing](#)

Software Developer

[Digital Dynamics](#)

2015 - 2017

Developed web applications and RESTful APIs for various clients. Implemented responsive designs and optimized database queries resulting in a 50% improvement in application performance.

[JavaScript](#) [PHP](#) [MySQL](#) [HTML/CSS](#)

Get In Touch

Contact Information

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