

FULL STACK ENGINEER WITH 7 YEARS OF PROGRAMMING EXPERIENCE
My [Personal Portfolio](#) demonstrates the skill set I have acquired over the last seven years.



ANDRÉS BARRERA

Software Engineer With Seven Years
of Programming Experience

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EDUCATION

BSE in Computer Engineering
Purdue University | 2022

FEATURED

CERTIFICATIONS

Udemy Next.js & React - The Complete
Guide

MongoDB Python Development

AWS Technical Essentials Certification

Udemy Golang Course Certification

LANGUAGES

C & C++, Python, JavaScript, HTML, CSS,
Dart, Golang, PHP, SQL, Java, Assembly,
Verilog, MATLAB

FRAMEWORKS

React, Next.js, Node.js, Angular, Flutter,
TailwindCSS, SassCSS, Bootstrap, Amazon
Web Services (AWS), MySQL, MongoDB,
WordPress, Prometheus, Grafana, Selenium,
Chrome Extensions, RTI DDS, VBA, SQL,
NoSQL, JSON & API Development, Docker,
Wix, Figma, Photoshop, SVG, Semrush,
YoastSEO, and many more!

See my [Manifesto](#) for more information.

RECENT WORK EXPERIENCE



December 2023 - June 2024

Software Engineer

Developing web applications and supporting backend infrastructure
for a startup dedicated to creating a safer digital dating scene.

Skills: Angular, SassCSS, Bootstrap, Docker, Java Spring, Java, Figma,
MySQL, HTML, CSS, JS, WordPress, Flutter, Dart, YoastSEO, Semrush



May 2023 - Current

President | Software Engineer

Leading and developing content for a non-profit dedicated to
elevating the Latino tech community. Read the [Case Study](#).

Skills: Leadership, Next.js, React, TailwindCSS, Figma, HTML, CSS,
JavaScript, Adobe Photoshop



June 2022 - July 2023

Software Engineer

Defense Software Modernization: Modernizing the US Navy's tactical
weapons system. Read the [Case Study](#).

EV Systems Architecture: Designing R&D circuits and firmware for the
next generation of electric vehicles. Read the [Case Study](#).

Skills: C++, Python, React, Node.js, Docker, Prometheus, Grafana, RTI
DDS, GitHub, Linux, Draw.io, KiCAD, Beagle Board, Arduino, Linux,
Texas Instruments, Nordic, Solidworks, Draw.io, Adafruit, GitHub



August 2021 - December 2022

Frontend Engineer

Building website and brand content for a startup which takes drone
footage to new heights. Read the [Case Study](#).

Skills: HTML, CSS, JavaScript, jQuery, Python, Wix, Adobe Photoshop,
Final Cut Pro

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Full Stack Engineer with 7 Years Experience

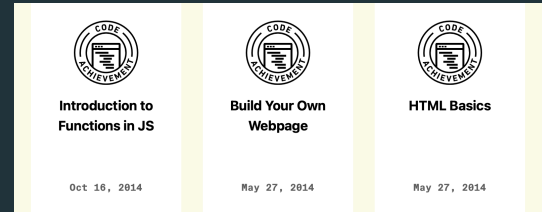
I have devoted my educational and professional life to developing efficient code, designing beautiful content, and engineering next generation products.

In middle school and high school, I would dedicate my recess time to developing websites and creating programming tutorial videos for my classmates.

Since then, I have continued my path of engineering expertise with 7 years of professional experience in software, firmware, and cloud orchestration. As an engineer I am passionate, ambitious, and own every one of my projects.



I graduated from Purdue University with a Bachelor's of Science in Computer Engineering.



I got my programming start through Codecademy's programming courses in HTML, CSS, JavaScript, and Python.



My skill set ranges from frontend web development to system-on-chip firmware. I have over 7 years experience in major programming languages and a formal education in Computer Engineering.

[Learn More](#)

To learn more about me, check out my [personal Portfolio](#) and [Manifesto](#).

