

# NHAN BACH

Junior Web Developer

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## SUMMARY

Software Engineering graduate with diverse experience in coding, problem-solving, and entrepreneurial ventures. Proven ability to develop innovative solutions, such as a scheduling bot for Amazon Flex drivers generating \$300,000 in revenue and a Google Chrome add-on streamlining property analysis for realtors. Currently refining full-stack web development skills through a Springboard bootcamp, seeking opportunities to contribute to cutting-edge projects.

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## EXPERIENCE

### Springboard online bootcamp trainee

Springboard, San Francisco, CA - June 2023 - Present

- Completed 700+ hours of intensive training in web development fundamentals, mastering object-oriented programming (OOP) principles.
- Proficient in backend development using Flask (Python) and SQLAlchemy (ORM) for PostgreSQL database interaction, ensuring scalability and data integrity.
- Skilled in frontend development with HTML/CSS/JavaScript, ReactJS, and Tailwind CSS, creating responsive and user-friendly interfaces.
- Completed two capstone projects using NextJS, demonstrating advanced web development capabilities and RESTful API design.

### Founder & Full stack developer

NBPLUS CORP, Richmond, CA - March 2019 - December 2022

- Founded and managed a company offering "Zero Flex", a scheduling bot for Amazon Flex drivers with 600+ monthly subscriptions, showcasing software-as-a-service (SaaS) business acumen.
- Reverse engineered the Amazon Flex app to expose internal APIs for bot development, demonstrating strong debugging and problem-solving skills.
- Developed desktop and mobile versions of the bot using ElectronJS and VueJS, respectively, with Python for backend development, ensuring cross-platform compatibility.

### Wordpress Developer

Platform 5, Ho Chi Minh City, Vietnam - June 2015 - December 2015

- Designed and developed client websites adhering to design style guides, ensuring brand consistency and user experience.
  - Implemented an automated build process tool, significantly improving development efficiency and continuous integration/continuous deployment (CI/CD) practices.
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## PROJECTS

### Trip Planner

Springboard, San Francisco, CA - Mar 2024 - April 2024

- Developed a web application for travelers to manage and organize trips and itineraries, utilizing user-centered design principles.
- Implemented interactive trip visualization using Google Maps API, showcasing geospatial data integration.
- Utilized Next.js and Trpc for efficient data communication, adhering to software design patterns.

## PROJECTS

### Master Planning

Springboard, San Francisco, CA - Sep 2023 - Oct 2023

- Developed a pocket tool for daily goal planning and time management, emphasizing productivity and personal development.
- Integrated generative AI ChatGPT to streamline the planning process, demonstrating machine learning integration.

### VendureIO Simple Auth Plugin

Freelancer, San Francisco, CA - Mar 2023 - Apr 2023

- Developed an open-source plugin for VendureIO Commerce Platform enabling email/magic link login, contributing to open-source software development.

### Real Estate Analysis Google Chrome Add-on

Freelancer, San Francisco, CA - Mar 2023 - Apr 2023

- Developed a Chrome add-on using Zillow APIs to provide realtors with aggregated property information, showcasing data scraping and API integration skills.

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## SKILLS

### Language

Javascript  
Typescript  
Python  
HTML/CSS  
PHP  
C/C++

### Framework

NextJS  
ReactJS  
VueJS  
Wordpress  
Flask Python

### Cloud

AWS  
Google Cloud

### Tool

Git  
ChatGPT

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## CERTIFICATIONS

JavaScript Algorithms and Data Structures - Dec 2022

freeCodeCamp

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## EDUCATION

Bachelor's Degree in Software Engineer - Sep 2011 - May 2015

University of Science, Ho Chi Minh City, Vietnam