

# KEVIN MCCARTHY

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## Professional Experience

### Full-stack Engineer, Freelance

2018 – Present

- Designed and developed interactive prototypes and custom websites for over 20 clients
- Achieved notably higher customer engagement by migrating multiple multi-page interfaces to streamlined single-page applications, enhancing user experience and interaction efficiency
- Built robust internal tools utilizing *Node.js*, seamlessly integrating multiple APIs to automate tasks
- Established comprehensive project scopes and defined realistic timelines, ensuring projects were delivered on time, within budget, and in alignment with client expectations

### Software Engineer Intern, Shopify

2021 – 2022

- Built scalable and performant customer-facing features with *Ruby on Rails*, *TypeScript* & *GraphQL*
- Collaborated with Product, Design and Data teams to gather requirements and ensure alignment on project goals, resulting in the successful development and delivery of the redesigned preferences functionality and push notification system within *Shopify's Merchant Admin*
- Led and participated in team *Agile* processes such as sprint planning, retrospectives and stand-ups, contributing to a culture of continuous improvement and efficiency
- Developed internal APIs to retrieve shop data and utilized *Kafka* to provide timely information to merchants, resulting in increased merchant-shop engagement
- Maintained 100% testing coverage with unit and integration tests using *Jest*

### Backend Engineer, O'Connor, Acciani & Levy Co., LPA

2020 – 2021

- Leveraged *Python* and APIs to automate and streamline employees' workflows
- Built API integrations using cloud-based software
- Handled 100s of support tickets with software and hardware vendors, and collaborated with internal and external technical support to ensure problem resolution

## Projects

Poppy & Ash: A custom services website for an interior design studio built on *Shopify*

SupplySync: A supply chain smart contract written in *Solidity* with *Truffle* and *Ganache*

TomatoTrove: A Rotten Tomatoes web scraper written in *Python* with *BeautifulSoup*

## Technical Skills

Languages: *TypeScript*, *JavaScript*/*HTML*/*CSS*, *Python*, *Solidity*, *GraphQL*, *SQL*

Frameworks & Libraries: *Node.js*, *Express.js*, *Next.js*, *Tailwind*, *React*, *Ruby on Rails*, *Jest*, *Django*, *Flask*

Tools: *Docker*, *Git*/*GitHub*, *MySQL*, *Postman*, *Ganache*, *Truffle*, *Asana*

## Education

### Dominican University of California

2020 – 2022

- Completed 61 credits towards Bachelor of Applied Science in Computer Science
- Relevant coursework: Object Oriented Programming, Web Architecture, Product Management, Introduction to Data Structures, Authentication & Authorization, Server-Side Architecture Frameworks, Agile Development, DevOps, Deployment & Containers, Writing *JavaScript* Libraries

### Google CSSI

2021

- Completed a 4-week project-based *JavaScript* processing curriculum taught by Google engineers
- Built 20 individual coding projects in *JavaScript* with the *P5.js* library
- Delivered a collaborative final project presentation that included a live demonstration to Google employees and community leaders