David Pena

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EDUCATION

Universidad Autónoma del Caribe   **Barranquilla, Colombia**

Bachelor of Science in Computer Science   2023
- GPA: 4.3/5.00

WORK EXPERIENCE

Cooweb LLC   **Los Angeles, CA**

Lead Full-Stack Dev ~ Full-time   January 2023 – Present
- Leading projects for clients based in Mexico, the Dominican Republic, and Central America, managing a team of 15+ developers, designers, project managers, and QA specialists to deliver solutions in the insurance, parking, and commercial industries, utilizing *Scrum methodology*.
- Continuing Full-Stack Developer role, utilizing *Vue 2.x & 3.x, Vuex & Pinia, Express, TypeScript, Firestore, and Bulma CSS* as the main stack and staying current on the latest technologies to provide efficient and innovative solutions.
- Directing the company's seed program for training newly hired developers, including designing training roadmaps, assigning seed developers to experienced leaders, and cultivating best practices in junior hires.
- Serving as the primary contact for client communications, explaining company services to potential clients globally in English and Spanish.
- Advocating for best practices among development teams, including pair code review, adoption of the latest trends, and implementation of design patterns.
- Participating in management decisions, representing developers' needs, requests, and suggestions to ensure their voices are heard.

Buho   **Remote, Colombia**

React Native Dev ~ Freelance   January 2023 – April 2024
- Led the mobile development team for the core product, a security management mobile app.
- Utilized *React Native, Expo, Cloud Firestore, Redux Thunk, and React Hook Form* as the main stack.
- Deployed preview APKs of the application using *EAS Build*.

Kontroll   **Remote, Colombia**

Front-End Dev ~ Part-time   January 2021 – September 2023
- Contributed to the development of the core product, a web platform designed to digitize and optimize the supply chain processes for importing and exporting companies, enhancing efficiency and user experience.
- Used *Vue 2.x & 3.x, Vuex & Pinia, Express, TypeScript, Firestore, Bulma CSS* as main stack.
- Fetched data from *REST APIs*.
- Handled client support tickets, tending to cases that required assistance directly.
- Led efforts to address and resolve the project's technical debt.

Cooweb Colombia   **Barranquilla, Colombia**

Full-Stack Dev ~ Full-time   January 2022 – December 2022
- Developed web solutions for clients in the insurance sales and parking management industries, applying Scrum methodology, utilized *Vue 3.x, Pinia, Express, TypeScript, Firestore, BigQuery, and Bulma CSS* as the main stack.
- Created 3 *REST APIs* to serve as gateways for various projects.
- Integrated *Puppeteer* to create dynamically-generated PDF receipts, quotes, policies, etc.
- Led the development of all projects for our largest international client, including direct-to-consumer, backoffice, and independent platforms.
- Maintained two *cloud functions* and *cronjob* repositories.
- Implemented dashboards using *Google Data Studio* as a BI tool.
- Served as the main point of communication for select clients and distributed tasks among the development team.

Front-End Dev ~ Full-time   December 2020 – December 2021
- Worked in a start-up environment, supporting various projects as a front-end developer.

- Developed web solutions utilizing *Vue 2.x & 3.x, Vuex & Pinia, Firestore, Realtime Database, Bootstrap CSS, Bulma CSS, and Ant Design Vue* as the main stack.
- Fetched data from *REST API* and real-time cloud *Firestore*.
- Collaborated closely with the development team to learn and implement best practices in coding and project management.
- Continuously learned and adopted new technologies to enhance project efficiency and innovation, working under the mentorship of a lead developer.

Peripher S.A   **Barranquilla, Colombia**
Python Developer ~ Apprenticeship   March 2019 – November 2019
- Collaborated on the development of an automated cryptocurrency exchange system using *Python* and *Binance API*.
- Implemented real-time alerts for specific conditions and milestones.
- Integrated a *PHP-based* mailing system to inform users with the right clearance of significant movements and transactions.

SELECTED PROJECTS

Code Craft Guidelines (WIP) | *Nuxt, Shadcn UI, TypeScript*
- Your go-to resource for mastering tool setup and optimization. Say goodbye to endless searching and confusion. Whether you're a novice or seasoned pro, find the answers you seek and elevate your coding game.

Vue Mess Detector (OSS Collaborator) | *Typescript, Javascript, Shell*
- A static code analysis tool for detecting code smells and best practice violations in Vue.js and Nuxt.js projects.

Buho | *React Native, Expo, Redux, Cloud Firestore*
- A security management mobile app where guards can manage their shifts, novelties, logs, and timely notices. Supervisors can verify the status of assigned surveillance places via QR scans and manage all their responsibilities.

Automated Cryptocurrency Exchange System | *Python, PHP, Binance API, Pandas*
- This system includes real-time alerts when specific conditions are met to activate transactions. Additionally, the final product features a PHP-based mailing system that informs users with the right clearance of all significant movements and transactions.

ARTICLES

- **Effortless Refactoring in Vue.js: A Guide to Vue Mess Detector**
  David Peña Avila   3 min read · Aug 11, 2024

- **Impacting Colombian Youth with Tech Opportunities**
  David Peña Avila   4 min read · Jul 16, 2024

- **How to set up your Firebase project to deploy in two different hosting destinations?**
  David Peña Avila   2 min read · Jul 9, 2022

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML/CSS, Java, Python, Nodejs

Databases: SQL, NO SQL (Firestore)

Frameworks: Vuejs, React, React Native, Expo
IDE's, Applications & Tools: Google Cloud Platform, Firebase Cloud Platform, VS Code, GitHub, Slack, Clickup, Jira, Scrum.
Languages: English (Advanced), Spanish (Native)