

Carlos Coelho

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Projects

- 10/2022 – 04/2024 **Web3/Blockchain Engineer, RedHorizon Solutions**
I built the multichain launchpad platform and blockchain metaverse project like Metahorse.
<https://gempad.app>
MERN stack was used for Web2.
- 07/2020 – 09/2022 **Senior Full Stack Engineer, Standard to the Future**
- I was responsible to collaborate with DRJ Business to build a SaaS platform. Developed a video streaming SaaS platform for Japan Schools using React/TypeScript, Node/Express, MongoDB, AWS.
- Developed several mobile applications for both Android and iOS using Flutter and React Native.
Delivered an application with admin panel, API creation, generated bus search, secure user authentication, robust notifications, smooth geolocation via Google Maps, and streamlined payment processing, achieving a 25% improvement in functionality and user experience.
Designed and optimized the database schema, reducing query times by 17%.
- 02/2016 – 07/2020 **Full Stack Engineer, Standard to the Future**
- Developed high performance customer web apps using React.js, Redux, Angular, PHP/Laravel, Python/Django | Flask, FastAPI.
- Used React functional components and React Hooks.
- Integrated Email&SMS marketing using Klaviyo.
- Designed multiple dynamic and browser compatible pages using HTML5, CSS3, Bootstrap4, Javascript.
- Developed custom API layer to handle all CRUD operations.
- Used Object-oriented programming concepts to develop UI components and reused them across multiple web applications.

Skills

Languages — HTML, CSS, JavaScript, TypeScript, PHP, Python, Dart, Java, Kotlin, Swift, GraphQL, Rust •
Technologies — React, Redux, Next.js, Node.js, Express.js, Tailwind CSS, Angular, Vue, Laravel, Django, Flask, AI, Blockchain, Android, iOS, Flutter, React Native, MySQL, MongoDB, Firebase, GCP, AWS, Git, Yarn, Jest, Enzyme, Web3, EVM, Smart Contract, Solidity, Rust

Education

2012 – 2015 **Bachelor Degree of Computer Science, The University of Hong Kong**