

Buyun (Brian) Wang

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Profile

Software Developer with extensive experience in web and mobile application development, specializing in JavaScript (React, React Native, Astro), Dart (Flutter), and Python (Django). Proficient in building scalable, high-performance applications, with a proven track record of delivering end-to-end solutions in agile teams and as an independent contractor. Adept at full-stack development, API design, and optimizing user experiences, with a focus on performance, accessibility, and maintainability. Experienced in integrating AI-driven solutions to enhance automation and personalization.

Experience

Senior Web Developer | HoneyBadger Bitcoin | Vancouver, BC — 2025.08 - Present

Senior developer for HoneyBadger's crypto exchange platform, driving innovation across marketing and product web experiences.

- Developed high-performance marketing websites using AstroJS, Tailwind CSS, and Vercel, delivering SEO-optimized, responsive landing pages for product and campaign launches.
- Enhanced the existing trading platform with Next.js, React, and Laravel/PHP APIs, implementing modular UI components and optimizing data-fetching patterns for faster load times and improved user experience.
- Engineered an event-driven marketing attribution service in Laravel/PHP that maps user journeys and UTM-tagged campaigns to purchase events, powering real-time ROI and conversion dashboards across multiple attribution models.
- Designed and implemented responsive UI/UX using Figma and Tailwind, ensuring accessibility, visual consistency, and mobile-first design.
- Led front-end architecture discussions, establishing coding standards, reusable components, and CI/CD pipelines via GitHub Actions and Vercel for rapid iteration.
- Partnered with marketing and design teams to conduct site audits, optimize conversion funnels, and ensure pixel-perfect design fidelity.
- Collaborated with business stakeholders to align UI priorities with customer feedback and product roadmap.

Intermediate Software Developer | Greenspace Health | Vancouver, BC — 2021.07 - 2024.02

Engineered content-driven web and mobile applications using AstroJS, React, Flutter and Django Rest Framework, delivering digital health solutions with cross-platform scalability and maintainable content architecture.

- Built and maintained Contentful-powered React web applications, including Wellness Together Canada, serving 200k+ users nationwide.
- Built PocketWell, a high-performance Flutter mobile app from scratch, implementing routing, UI components, and state management, scaling to 10k+ MAUs post-launch.
- Architected SSR/SSG-compatible AstroJS sites, improving performance, SEO, and internationalization.
- Engineered RESTful APIs with Django Rest Framework, optimizing backend performance and ensuring seamless integration with mobile and web clients.
- Leveraged Elasticsearch to accelerate content lookups and enhance accessibility.
- Partnered with content and product teams to refine CMS models, streamline localization, and maintain CI/CD pipelines on Netlify.
- Authored technical documentation and mentored junior developers, promoting maintainable coding practices.
- Deployed analytics tracking with Mixpanel, capturing usage patterns and generating data-driven insights.
- Implemented comprehensive test coverage, including unit, Bloc, and widget tests using Mocktail and Mockito.

Front-end Software Developer | Ensemble Systems Inc. | Richmond, BC — 2019.05 - 2021.06

Built scalable and accessible web/mobile applications for enterprise clients across media and e-commerce domains with a focus on scalable UI development, accessibility, and performance optimization.

- Integrated Shutterfly & Tiny Prints' product search results using React and Node.js, enabling personalized, responsive cross-brand search experiences.
- Developed reusable UI components for Viacom MTV & BET+ using React, Context API, and Storybook, with full test coverage via Jest and Enzyme.
- Implemented Jetpack + MVVM architecture in an Android app to improve movie browsing UX, with Room-based offline caching.
- Built AEM components using Apache Sling, enabling dynamic content delivery for enterprise websites.
- Integrated Adobe Analytics to capture user behavior data and support predictive content strategies.
- Maintained React/Redux-based SPAs for direct marketing preference management, ensuring WCAG AA accessibility and responsive design.

- Modernized front-end codebases by migrating from CSS/SCSS to Emotion, introducing React Hooks, and reducing bundle sizes for performance gains.

Production Pipeline Technician | Sony Pictures Imageworks | Vancouver, BC — 2018.02 - 2019.04

Developed automation tools, data pipelines, and web applications to optimize film production workflows, reducing manual workload and human error for VFX artists.

- Built a dynamic web application using Django (backend) and JavaScript + Bootstrap (frontend) to automate render core request formatting, reducing human error by 70%.
- Developed Python and Shell scripting tools that automated network operations, data transfers, render farm tasks, and error handling, saving VFX artists over an hour per day.
- Optimized render farm performance, designing a priority-based scheduling system to efficiently allocate render cores, ensuring optimal processing of high-priority frames.

Skills

- **Languages:** JavaScript, Java, Dart, Python, PHP, Ruby, HTML/CSS, SQL
- **Frameworks:** Flutter, Next.js, Astro, React, React Native, Meteor, Django, Django REST Framework, Ruby on Rails, Laravel, Tailwind, Bootstrap
- **Tools:** Git, Postman, Proxyman, PostgreSQL, MongoDB

Education

University of British Columbia, Vancouver, BC — Computer Science, 2017

Projects

Lead Developer | Lopal - React Native Mobile App | Vancouver, BC — 2024.07 - Present

Founder of Lopal, a mobile platform connecting travellers with local experts through personalized, AI-enhanced travel experiences.

- Architected user schema for travellers and experts, enabling scalable profile and preference data modelling.
- Built core app infrastructure with React Native + TypeScript, including navigation, authentication, and modular state management.
- Designed onboarding and profile completion flows that generate contextual user labels for AI-driven matchmaking.
- Implemented security best practices, including token storage with react-native-keychain, input validation, and protected API access.
- Integrated GPT-4 via OpenAI API to interpret natural language trip preferences and deliver contextual recommendations.

Founder | SurveyHorizon - E-Commerce Web App | Vancouver, BC — 2025.02 - Present

Lead developer for SurveyHorizon, an all-in-one shop for professional surveying equipments.

- Designed, built, and deployed a responsive web application on Vercel using a modern frontend stack including React, Tailwind CSS, shadcn/ui, and Radix UI, delivering a fast, accessible survey platform tailored for professional needs.
- Leveraged Lovable AI tooling to accelerate component design and boilerplate generation, reflecting a workflow that embraces AI-native development principles and rapid prototyping.
- Implemented React Router v6 and Redux for scalable page transitions and state management.
- Continuously iterating on user experience through structured feedback loops, validating design choices with behavioural data and usability insights.

Mobile Developer - Freelance | Winston UTrack - React Native Mobile App | Vancouver, BC — 2018.05 - 2018.07

Developed Winston UTrack, an application for managing educational workshops, successfully deployed on Google Play Store and Apple App Store.

- Designed and implemented authentication flow using React Navigation and optimized global state management by leveraging Redux, ensuring a seamless and secure login experience.
- Built a dynamic schedule page using FlatList, mapping real-time workshop data into structured timetable slots.
- Integrated PostgreSQL with a Ruby on Rails API-only backend, ensuring scalable student and workshop data management, successfully supporting 130+ student sign-ups on launch day.