

Hugo Duarte

Senior Software Engineer

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Profile

Senior Software Engineer with 9+ years of commercial software development experience across SaaS, financial-services platforms and business-critical systems. Strong background in PHP/Laravel, REST APIs, integrations, SQL and Vue/TypeScript, with experience across both greenfield development and large mature codebases. Comfortable taking work from requirements and technical design through implementation, automated testing, deployment and support.

Technical Skills

- **Backend & APIs:** PHP 8+, Laravel, REST API design/development, Eloquent, Guzzle, third-party integrations, webhooks
- **Frontend:** Vue.js / Vue 3, TypeScript, JavaScript, Axios, HTML5, CSS3, Vuetify, Storybook
- **Data:** MySQL, MariaDB, PostgreSQL, SQL Server, relational modelling and data migrations
- **Testing & quality:** PHPUnit, feature/integration/regression testing, boundary testing, PR/code reviews
- **Architecture & design:** object-oriented design, separation of concerns, common design patterns, service-layer architecture, DTO/API contracts, legacy modernisation
- **Tooling:** Docker, Git, Jira, Postman, PhpStorm
- **AI-assisted engineering:** Codex and Claude; working knowledge of MCP and agentic architecture concepts

Employment History

Senior Software Developer, Propel Finance, Remote

(Jan 2025 - Present)

- Develop and maintain Laravel/Vue applications across a multi-application asset-finance platform spanning customer-facing portals, core domain services, internal APIs, shared packages and third-party integrations.
- Deliver backend APIs, service integrations, business-rule changes, data migrations and frontend features across both mature systems and greenfield products, working with PHP/Laravel, Vue/TypeScript and SQL.
- Contributed substantially to a greenfield Customer Portal and partner-facing API capabilities, including new core-service endpoints, shared DTO contracts, Laravel service integrations and frontend API consumption.
- Recent examples include complex credit-line calculation rules driven by Experian data and a safe, idempotent migration of historical rules data from legacy JSON into normalised relational tables, with automated/regression testing and operational safeguards.
- Contribute throughout the delivery lifecycle, from requirements refinement and technical design through implementation, testing, code review, deployment and production support.

Senior Software Developer, PlanHappy Lifestyle Financial Planning Academy, Remote

(Jan 2022 - Dec 2024)

- Helped build a greenfield SaaS platform for the financial-planning and pensions market, including Product Switch Analysis dashboards and related tools.
- Worked across requirements, architecture, development, testing and deployment, helping take the product from initial build and internal use through public launch.
- Regularly demoed progress to senior stakeholders and shaped delivery priorities from feedback; supported team delivery through PR reviews and engineering standards.

Earlier Experience

Full Stack Software Engineer, Komodo Digital, Newcastle upon Tyne

(Mar 2020 - Dec 2021)

- Worked across two SaaS products, including a surveillance platform with Stripe payments, credit renewals, subscriptions, teams and company management.
- Developed an estate-agency CRM covering subscriptions, payments, ID/compliance checks and conveyancing, including third-party API integrations for verification and conveyancing services.
- Delivered frontend and backend features across requirements analysis, technical design, development, testing and deployment.

Full Stack Software Developer, Blue Cookie, Newcastle upon Tyne

(May 2017 - Mar 2020)

- Built and maintained web applications and supporting REST APIs for companion mobile applications using Laravel, MySQL, Vue.js and Vuetify.
- Contributed to requirements, project planning, architecture, development, testing, documentation and implementation, while providing technical guidance to junior developers.

Business Intelligence Consultant, Orchard Information Systems, Newcastle upon Tyne

(Nov 2014 - May 2017)

- Supported and maintained the organisation's data warehouse platform and delivered end-to-end BI solutions using SQL Server, SSIS and the Microsoft BI Stack.
- Designed and optimised data models, data marts and SQL schemas, improved ETL data quality and implemented data-interface solutions.

Data Analyst, Convergys, Newcastle upon Tyne

(Jan 2012 - Nov 2014)

- Delivered MI reporting, ad-hoc analysis and reporting requirements to support operational decision-making.

Education

Open University, United Kingdom

BSc (Honours) Computing and IT - Computer Science pathway (final module in progress)