



Andrew Phillips

PRODUCT ENGINEER / SENIOR FULL-STACK DEVELOPER

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I turn operational complexity into clear digital products.

Product-minded full-stack developer with 13+ years spanning product definition, UX, application engineering, data architecture, automation and launch ownership. Strongest when a complicated workflow needs to become a clear, durable system people can actually use.

13+

YEARS DELIVERING

60+

INTERACTIVE PRODUCT
BUILDS

100%

OWNERSHIP FROM CONCEPT
TO LAUNCH

KEY STRENGTHS



PRODUCT DEFINITION

Turn fragmented operational needs into clear scope, information models, priorities and build plans.



UX & VISUAL SYSTEMS

Design responsive, accessible interfaces that stay clear under real operating pressure.



FULL-STACK ENGINEERING

Build durable applications, APIs, reporting and data workflows with maintainable architecture.



DELIVERY & OWNERSHIP

Carry work from discovery and prototype through QA, documentation, launch and handoff.

EXPERIENCE HIGHLIGHTS

- 2024 - Present** **Application Developer** · Testforce Systems Inc.
Modernize enterprise operational software across invoicing, inventory, reporting, sales workflows and financial integrations.
Ship React/Redux, Laravel and PostgreSQL features from product definition and data modelling through QA, documentation and handoff.
- 2018 - 2024** **Software Engineer** · Arup
Helped establish Toronto as a digital hub supporting the Americas region of the global engineering firm.
Led internal platform delivery, architecture, scope planning and team growth across Angular, React, AWS and Neo4j initiatives.
- 2017 - 2018** **Client Relations / Full-Stack Developer** · SO Creative Inc.
Built custom LAMP-stack inventory and record-management software while working with clients from discovery through delivery.
Contributed to Android development, campaign creative, marketing systems and digital billboard production.

EXPERIENCE, CONTINUED

- 2016 - 2017

Full-Stack Developer · Be A Part Of

Created scalable BigCommerce extensions, supporting databases and migration tools using Ember.js, PHP and adjacent front-end frameworks.
- 2016

Full-Stack Developer · St. Joseph Communications

Completed an internal interactive kiosk using a data API, vanilla JavaScript and PHP to provide in-store wine and cheese pairing information.
- 2013 - 2016

Developer · Channel 1 Media Solutions

Delivered more than 60 interactive sports sales and renewal experiences across web, touchscreens, panoramic media, motion and custom booking tools.
- 2013 - Ongoing

Full-Stack Developer / System Owner · Phillips Temperature Monitoring Solutions

Conceived and maintain a monitoring platform spanning serial hardware, Linux devices, cloud APIs, dashboards and automated reporting.

SKILLS

PRODUCT / DELIVERY	FRONT END	BACK END	DATA	CLOUD / TOOLS
• Product definition • Workflow design • Information architecture • Roadmaps & scope • QA & launch • Documentation	• React / Redux • Angular • TypeScript • JavaScript • HTML5 / CSS3 • Responsive UI	• PHP / Laravel • Node.js • REST APIs • Integrations • Scheduled jobs • Authentication	• PostgreSQL • MySQL • MongoDB • Neo4j • Data modelling • Reporting	• Docker • Nginx / Apache • Linux • AWS / Azure • Git / CI/CD • Adobe CC

EDUCATION



Durham College

Multimedia Design · Advanced Diploma

2013

WORKING STYLE

Focused meetings. Clear decisions. Visible progress.
Working software drives the next conversation. **Clarity, ownership and momentum** are part of the deliverable.