

Michael Caplan, Software Development Manager Who Codes

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SUMMARY

Mike has been active as a web application developer and designer since the late 90s, working in the non-profit, university, retail, agricultural, and health care industries. He was a founding partner of HarvestHand, a platform that services Community Shared Agriculture farms. Mike founded Refresh Annapolis Valley, a new media professional association. Mike is the Software Development Manager for the Labnet Dental Lab Systems division of Henry Schein – a solutions company for health care professionals.

EXPERIENCE

Henry Schein One | Software Development Manager Sep 2006 — Present

The Labnet Dental Lab Systems division of Henry Schein One offers the Dental Lab industry's most comprehensive and powerful management systems; with solutions suited for labs of all sizes and budgets.

- Hired as the founding Software Engineer for the product Digital Dental Exchange (DDX)
- Architected and engineered the DDX platform, which acts as a key component in clinical workflows integrating a large ecosystem of technology partners
- Scaled the DDX platform to service several geographic regions and a customer base over 100K
- Defined a new class of SaaS Dental Lab Management Software - Labnext
- Built a diverse engineering team and our SDLC
- Engineering team reported the highest job satisfaction across all of Henry Schein One (2021)

HarvestHand | Co-Founder & Software Developer Dec 2010 — Dec 2019

HarvestHand was an Internet platform for Community Shared Agriculture (CSA) businesses to communicate with and manage their community of members.

- Technology founder & primary software engineer
- Scaled business and technology platform to service regional farms
- Winner of the inaugural Agriculture Innovation Accelerator Award

Mom & Pop Media | Founder

Dec 2000 — Dec 2007

Working under the name Mom & Pop Media, I started my freelance web and print design and development consultancy upon return from my stay in South Africa in 2000.

High-Touch Communications | Senior Programmer Dec 2005 — Dec 2006

High-Touch Communications is a leading North American branding + web firm, offering its pièce de résistance web platform called IgnitionWeb.

- Overseeing the development and deployment of IgnitionWeb 3.4 – a major milestone release including WYSIWYG content editing, as well as significant code and SQL performance optimisations
- Auditing Unisource.ca, a multi-million dollar B2B web site, for performance bottlenecks and implementing sweeping code and database performance optimisations
- IgnitionWeb 3.x and 4.x development roadmap
- Development of Quality Assurance program

Le Château | Lead PHP Developer Dec 2003 — Dec 2005

Le Château Inc. was a fashion company. I worked on developing a large scale corporate Intranet which integrated legacy systems and new web application solutions for over 300 users and 150 stores across Canada and the USA.

- Complete Intranet code audit and redesign of the application architecture.
- Implemented globalisation features to the company Intranet allowing applications to work in multiple languages
- Trained developers in the application architecture
- Introduced source control management
- Implemented a coding standard to enhance our team based development environment

SKILLS

Frontend Web Development 🍑🍑🍑 : HTML5, CSS2+, jQuery, Vue.js, React, Javascript

Back End Web Development 🍑🍑🍑 : PHP, Zend Certified Engineer, Zend Framework, Node.js, SQL

Web Applications Systems Architect and Administrator 🍑🍑🍑 : Ubuntu Server, MariaDB, Elasticsearch, Firebase Cloud Firestore, Apache HTTP Server, NGINX, Apache ActiveMQ, Zabbix Monitoring, OSSEC, Wazuh, Ansible, Client-Server, Multitiered Architecture, Event Driven, REST, Shared Nothing

Software Engineering 🍑🍑🍑 : Requirements gathering, Software architecture, Data design – ER modeling, Interface design, Design patterns, Unit Testing, Integration Testing

Software Development Lifecycle 🍑🍑🍑 : Git, Jira, Bitbucket, Kanban, Agile, QA, CI / CD

Software Design 🍑🍑 : Design Thinking, User Research – Personas, Wireframing, Prototyping, Balsamiq, A/B Testing, End User Functional Testing

Entrepreneurship 🍑🍑 : Lean Canvas, Minimal viable product, Continuous deployment

Graphic Design 🍑🍑 : Adobe Pagemaker, Adobe InDesign, Scribus, Inkscape

Digital Marketing 🍑🍑 : Content development, Press releases, Email, Social media, SEO

EDUCATION	Dawson College Degree – Graphic Design	Aug 1992 – Dec 1994
CERTIFICATES	UX Foundation Bootcamp Digital Nova Scotia Zend Certified Engineer: PHP 5 Zend Zend Certified Engineer: PHP 4 Zend Software Development for the WWW Concordia University	Apr 2020 Jan 2008 Mar 2005 Aug 2001
AWARDS	Agriculture Innovation Accelerator Award Annapolis Valley Chamber of Commerce The award recognizes outstanding agriculture and agri-food related innovators including producers, processors, suppliers and organizations. The award was presented to HarvestHand. First Place Halifax Startup Weekend An event that brings entrepreneurial-minded people from different backgrounds and professions together to develop innovative start-ups in 54 hours. Third Place Hacking Health Halifax A weekend-long hackathon that breaks down barriers to healthcare innovation by bringing together IT and healthcare professionals to collaborate, dream up & design apps, devices and solutions for patient-centric care.	Oct 2013 Nov 2013 Mar 2017
VOLUNTEER	Hoist – Organizer Refresh AV Hoist Annapolis Valley was a tech club for teens interested in coding, design and entrepreneurship. I organized monthly meetups, participation in competitions, developed curriculum, organized camps, and mentored youth. #Scratchfest – Organizer Refresh AV #ScratchFest was a weekend Build-a-thon for kids and teens interested in creating amazing original work with digital technologies, such as the Scratch programming environment, Processing, Virtual Reality, and more. Creative Computing – Leader Refresh AV Creative Computing was a course as well as a camp that focused on exposing kids to the computer sciences. The course used the popular Scratch programming environment, as well as other platforms, to aid kids, with emphasis on underserved groups, in learning the basics of software development. Founder Refresh Annapolis Valley A community of designers, developers, and innovators working to refresh the creative, technical, and professional culture of digital technology endeavours in the Annapolis Valley while promoting design, technology, and entrepreneurship. Hosting meetups and special events.	Mar 2017 – Dec 2019 Apr 2017 – Apr 2019 Jan 2017 – Jun 2019 Dec 2012 – Dec 2020