Craig Pestell – Software Engineer

Professional software developer since 1998. I can be reached at
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Highlights

- Software engineer with 25 years experience.
- Web applications programmer (HTML, CSS, Javascript, Node.js)
- Linux and open-source software administration and customization
- Extensive database development experience (MySQL, Oracle, SQL Server)
- BCIT Computer Systems Technology graduate (Data Communications option)

Expertise

Extensive web development experience using HTML5, CSS3, Javascript, Node.js, PHP, Python, MySQL
- Javascript UI development (Node.js, Vue.js, React, Angular, Bootstrap, Foundation, Jasmine, Gulp, Yeoman, Webpack, Babel, etc)
- e-commerce systems
- content management systems, Wordpress, Drupal
- database design and management
- web services
- Node.js performance tuning
- CSS design
- Linux administration

Programming Languages

Javascript, Typescript, Python

Web Technologies

Fully versed in HTML, Javascript, CSS/SASS/design systems, Node.js, build tools
Front-end frameworks: React, Angular, Vue.js

Database Management Systems

Extensive database development experience with MySQL, MS SQL Server, Oracle and mainframe import / export (flat-file)

Experience

Developing software for corporate clients since 1998

2022   **Sr. UI Developer - Google**

Coordinating the design and development of a web application to provide silicon chip design teams the ability to manage chip specifications, including ongoing change management, similar to a code version control system.
Technologies used: Typescript, Angular, RxJs, SASS/CSS, plus many Google-centric tools

2020 - 2021   **Sr. UI Developer - Williams Sonoma**

Architecting a micro-frontend ecosystem to transition e-commerce website pages from a monolithic code-base, to facilitate reusable components, built with Vue.js. Developing Vue.js components to port existing features and create new features for an e-commerce website.
Technologies used: Node.js, Vue.js, NPM, HTML5, CSS3, Jest, Yeoman, Tailwind, SASS

2015 - 2020   **Sr. UI Developer - Macys.com**

Working within a LEAN environment our team is designing the future architecture of Macys.com. My work involves designing a componentized, loosely coupled, scalable isometric architecture, creating tools to streamline developer onboarding and website development.
Technologies used: Node.js, React, Backbone.js, Webpack, HTML5, CSS3, Foundation, Jasmine, Gulp, Grunt, Yeoman, SASS/SCSS, Adobe Analytics, Tealium

2016 - 2019   **Full Stack Developer - Kali Protectives**

Technologies used: Custom CMS using Node.js/Express, Handlebars, TinyMCE, Cloudinary, Cloudflare

2014 - 2015   **UI Developer - Autodesk**

Technologies used: jQuery, Backbone.js, Require.js, Bootstrap, Node.js, HTML5, CSS3, Jasmine, Gulp, Grunt, LESS

2012 - 2014   **Software Engineer - Google**

Technologies used: Python, Javascript, Google Closures, Fava Framework, Oracle DB, BMC Remedy

2008 – 2016   **Web Developer - Race Face Performance Products**

2009   **Web Developer - Hayes Bicycle Group**

2008 - 2010   **Web Developer - iWasteNot Systems**

2006 – 2013   **Web Developer - TIC / The Cooperators**

2005 – 2006   **Software Consultant / Developer - Engine Digital**

2002 – 2004   **Software Consultant / Developer - CoreSolutions Software**

2000 – 2002   **Software Developer - UVMedia**

2000   **Software Consultant / Developer - Canada Reconnect**

1998 – 2000   **Software Developer - Ucora Corporation**

Education

Formally educated on internet infrastructure technology

2004 – 2006   British Columbia Institute of Technology

Computer Systems Technology Diploma Program Graduate - Data Communications Option
- advanced Unix and Win32 systems programming using C and C++
- Berkeley and Winsock TCP/IP socket programming
- streaming multimedia communications
- network administration and security
- linux firewalls and intrusion detection systems

1999   British Columbia Institute of Technology

Programming Concepts and Methodologies
- Object Oriented Analysis & Design
- Entity Relationship, State Transition and flowchart diagrams