

Professional Years
~15

Projects Deployed
~60

Techs Used
~65

EMPLOYMENT

Bleuh 11.2023 - Today

Technical Consultant, Web Developer

At Bleuh, I spearheaded the implementation of inventory management and display for a dynamic website, contributing to enhanced user accessibility and experience. I was instrumental in creating essential components such as a store locator and an engaging homepage slider. My technical role included the development of custom WordPress plugins and seamless Ajax-enabled site interactions that negated the need for full page refreshes, resulting in a smoother user experience. I also engineered robust ETL scripts in PHP that efficiently merged data from Excel and various APIs into a local MySQL database via sFTP and Google Drive, automated as a cron job. My commitment to responsive design ensured that pages adapted gracefully across devices. I built a solid backend architecture with PHP and WordPress, complemented by a clean, functional frontend designed with HTML and CSS.

Infosys 05.2020 - 08.2023

Technical Consultant, Technical Lead

I provided insights on technical matters, on the Drupal platform, in PHP (backend). I also coded in SaSS, JS, HTML and CSS (frontend technologies) to implement visual designs. I ensured site accessibility. I have developed frontend templates to match Adobe Experience Designs. Pages implemented followed responsive designs (to be viewed from mobile, tablet or desktop). I lead the team with daily scrums. I helped creating environments in Docker, under virtual machines in Linux. I have developed scripts to ensure coding standards are respected with Lint syntax checking, verification and automated fixes. I maintained the system with Panaya / Jira defects logged by the team and client for continuous requests and improvements in an Agile form. I have trained the team in cybersecurity best practices to prevent SQL Injections, prevent XSS vulnerabilities, malicious file uploads, private file access, eval, fork bombs, DDOS. Encryption methods were also taught. Helped the team with GIT branching strategies.

RealDecoy 06.2009 - 08.2019

Web Developer, Technical Lead, Technical Solutions Architect, International Teacher

I have deployed over 50 projects under 10 years at RealDecoy. I've started as a pure php developer, quickly drawn into Drupal and Wordpress platforms, developing custom modules for both platforms. I've created migration scripts for product catalogues imported into Magento. I've built complex forms and interfaces in HTML, JS and CSS. I've supported browsers from IE5 and above. I've used versioning systems such as SVN, Mercurial & Git. I've built discrete internal systems handling finance. I've built multi-languages applications, fixed character encoding issues related to languages. I've created and architected backup and disaster recovery plans. I've built complex search algorithms, interfaces, relevancy rankings strategies. I've provided clients with dashboards of analytical data: From Google analytics to Information Discovery, I've developed custom metrics and charts. I taught Oracle Commerce products training internationally. I've built internal systems that interacted with employee attendance, birthdays, praise (reward system), news groups and forums.

Notable works for clients include: Canadian Department of National Defense, American Express, Home Hardware, Barclays and OC Transpo.

A complete list of historical data, projects and experience can be found on LucLaverdure.com

EDUCATION

**Certified technician
analyst/programmer** 2004 - 2007
Cégep de l'Outaouais

Student President 2006-2007
Cégep de l'Outaouais
Elected by students

HONOURS

06.2019
Hacking Health Ottawa
Hackathon at Shopify
Won People's Choice Award

LATEST PROJECTS

LucLaverdure.com
Bleuh.co
Chocomotivc.ca
Canadabuys.Canada.ca

Portfolio
Cannabis Strains Products
Chocolate Shop
Canada Procurement System

TECHNICAL SKILLS

Frontend	Backend	Databases	Tools	CMS	Frameworks	Operating System
HTML 5	PHP	MySQL	Git	Wordpress	Laravel	Linux (Debian, Arch, RedHat)
CSS 3	Java	Endeca	Docker	Drupal	AngularJS	Windows (Desktop & Server)
Javascript	.Net	Elastic Search	Bash	Magento	Bootstrap	MacOS
		GraphQL	SSH		jQuery	

Concepts: Ajax, Analytics, MVC, Sorting, Responsive, CORS

TECHNICAL CAPABILITIES

Architecture Planning:

- Disaster recovery planning and testing

Frontend Implementations:

- Design (Photoshop, Adobe XD or Invision) to code in CSS and HTML
- Responsive development (Adopting mobile/tablet/desktop)
- Javascript implementaions, frameworks (Angular, jQuery)
- Developed compatible pages for all major
- W3C valid HTML
- Ajax implementations (Page modifications without full page reload)
- Development of custom UI elements

Backend Implementations:

- Pure PHP integrations
- Authentication systems (Azure / PHP / Active Directory)
- Upgraded single language websites to multi language
- Scheduled integrations (Cron Jobs)
- Encoding Fixes (i.e. For Latin1 to UTF-8)
- Web Forms
- Search optimizations within site
- SEO: Search engine optimizations for crawlers (i.e. Google, Bing)

Data Integrations:

- Dashboards development to visualize data and statistics (Highcharts / D3)
- Web Scraping to fetch data (wget/custom)
- Migration of data (with AWS / ETL / custom scripts)
- Baselines monitoring
- Data ingestion
- Data extraction
- Data transformation
- Data storage
- Data backups (Files & Database)
- Data sanitization
- Data clustering
- Multithreaded integrations
- Background processing

Documentation:

- Through Microsoft Office

Source Versioning:

- Git knowledge
- SVN knowledge

Payment Implementations:

- Discreet implementations of financial data
- Stripe integrations
- Paypal integrations

Servers Integrations:

- Virtual Machines to contain servers/code/data
- Docker to replace virtual machines
- Tomcat/Websphere for java applications
- LAMP (Linux, Apache, MySQL, PhpMyAdmin) for PHP applications

Security, can protect against:

- SQL Injections
- XSS Injections
- DDOS attacks
- Fork Bombs

Teaching:

- Hosted multiple Lunch & Learns to share knowledge
- I have multiple webinars that can be found on the Web