

HELLO! I'M

DOMINICK PELUSO

A guy with his head in **the cloud**



I'm passionate about discovering business problems and using technology to deliver tangible solutions. No matter the challenge, I'm eager to take it on.

● EDUCATION

Master of Liberal Arts,
Information Management Systems / 2013 - 2016
Harvard University Extension School
3.86, Dean's list

Bachelor of Liberal Arts,
Criminology and Criminal Justice / 2009 - 2011
University of Massachusetts Boston
3.75, Summa Cum Laude, Alpha Phi Sigma

● EMPLOYMENT

Bose Corporation
2016 - Present
Framingham, MA

- Cloud Software Engineer (Level III)
- Design, build, and deploy scalable cloud microservices that support millions of customers across the SoundTouch and Bose Music ecosystems
 - Develop unit, functional, and mock functional tests, as well as data-driven test automation frameworks
 - Conduct performance and fault tolerance testing for services preparing for launch
 - Propose cloud architectures and design new APIs
 - Build and extend the BMX developer API documentation, SDKs, and tools
 - Participate in cloud governance, API, architecture, and developer productivity forums

Shawmut
Communications Group
2013 - 2016
Danvers, MA

- Director of Technology Development
- Design and develop entire information stack of a large enterprise platform, integrating several data sources, used by all employees and customers
 - Develop REST APIs for internal applications and customers
 - Measure, improve, or automate, manual processes and create and maintain standard operating procedures
 - Develop and maintain automation systems while auditing existing systems for technical debt and improvements
 - Utilize cloud infrastructure and transfer parts of on-premise infrastructure to AWS
 - Ensure modern development and testing standards are adopted to continuously improve code

Shawmut
Communications Group
2007 - 2013
Danvers, MA

- Fulfillment Director / Web Developer

Chelsea Police Department
2011 - 2011
Chelsea, MA

- Web Development Intern



Maynard, MA



617 584 5583



peluso.dominick@gmail.com
github.com/dominickp

● PROJECTS

Shawmut Insight - client.shawmutdelivers.com

Shawmut Insight is an enterprise platform built to be a single-source of information for clients, customer service, sales, and management. The stack consists of a Symfony back-end, with multiple front end interfaces, including some using Angular. It integrates multiple data sources, one of which is Enterprise Print Management System (EPMS) as well as a REST API to communicate with our automation system, which runs on Enfocus Switch. Insight is the backbone upon which all of Shawmut's automation and technology efforts are built. I was responsible for the entire concept, creation, and implimentation of Insight.

Core features:

- Visibility into job progress, job specifications, and shipment information
- Modification of job information
- Proof publishing, approving, and cloud archiving
- Quote publishing and cloud archiving
- Production file retrieval system
- File uploading, with chunking and multiple browser fallbacks
- Surveillance camera integration
- Business intelligence (BI) charts and reports
- Automation system REST interface
- Veracore storefront integration
- Web job schedule and production reports
- Client specific solutions

Open Automation - github.com/open-automation

An open-source organization I created and contribute to involving the commercial printing industry. Houses 15+ Enfocus Switch repositories, written and maintained by myself, which include applications and learning resources.

Prominent examples:

- switch-aws - A collection of apps that unlock AWS functionality within Switch.
- switch-portals - Route jobs in a Switch flow without a direct connector.
- switch-sql-query - Query SQL from Switch via an ODBC connection.

Data Preflight - npmjs.com/package/data-preflight

A node command line utility to preflight spreadsheets. Allows variable data and mailing operators to check for common problems in a database before they begin working on it. It also allows them to validate their assumptions and check for work errors. It also allows non-data experts to see the contents and makeup of a complex database as well.

The Air We Breathe - theairwebreathe.org

An exploration of air pollution, its health impacts, and what can be done about it. Our final project for our CS-171 class for which we were challenged to use D3 to tell a story with publically available datasets. The project involved significant build automation and advanced front-end Javascript. It won second place at the SEAS design fair 2016 and is a runner up for the best CS171 project of 2016.

● PROFESSIONAL SKILLS



● TECHNOLOGY SUMMARY

Languages: Python, JavaScript/TypeScript, Go, PHP, Java
Libraries: Flask, Symfony, Node, Angular, D3, Doctrine
DevOps: Kubernetes, Docker, Prometheus, Grafana
Databases: Redis, MySQL, SQL Server, Mongo, SimpleDB
Cloud Platforms: AWS, Azure
Standards: REST, SOAP, JDF/JMF, HAL, OAuth2
File Automation: Enfocus Switch, Pitstop, Antfarm
Variable Data: HP SmartStream, PageDNA, Pageflex