Jacob O. Durell

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SKILLS

Programming Tools: Javascript, Node, Vue, Mulesoft, Azure and Google cloud products, Python, and Okta

Data Modeling Tools: SQL, Tableau and Power BI.

Project Tools: Azure DevOps, GitHub, Adobe PDF, Figma, Visio, Sketch and various image editing tools.

SELECTED EXPERIENCE

Enterprise Architect, *State of Vermont* (May 2019 – Present)
- Act as a tech lead and developer representing the Chief Technology Office on projects with statewide impacts.
- Work closely with Business Analysts, Project Managers, QA staff and other key stakeholders.
- Gather, verify and validate the needs of stakeholders.
- Research and apply regulation in development of business requirements; and coordinate directly with regulators.
- Document existing and target business processes; and develop wireframes to illustrate new concepts.
- Further statewide architecture goals with an emphasis on statewide single sign on authentication implementation.
- Rapidly develop solutions in response to public issues including Covid contact tracing and vaccine administration.

Attorney (Dec. 2010 – Present)
- Operated in general practice Associate and Of Counsel roles at established Vermont firms including Hoff Curtis, Shlansky Law Group, Stevens Law Office, Law Office of Jason Sawyer, and in Solo Practice.
- Founded Pease Mountain Law, a thriving Charlotte based firm which continues to operate today.
- Provided critical support in litigation of data-intensive matters, including federal wire and EBT fraud cases.
- Developed a web app (Charts.js / Google Maps API) for analyzing cell tower data in criminal matters.
- Demonstrated exceptional writing abilities in transactional and trial work; and in numerous appellate matters.
- Achieved depth in transactional areas including startup counseling, contracting, property development, and securities.
- Provided effective PR strategies, including communicating with the press on pending litigation; and through writing on topics including education, energy, healthcare, and the economy for a foundation's website and e-book.
- Currently practice in a limited capacity primarily in small business and startup consulting.

Operations & Counsel, *Burlington Beer Company* (Jan. 2013 – Apr. 2015)
- Coordinated with vendors, regulators, and lenders as needed to startup and construct a 5,000 square foot brewery.
- Executed a successful private placement offering.
- Assisted with implementing initial retail and production systems, and with initial IT systems development efforts.

Special Projects Coordinator, *Burlington Housing Authority* (Jan. 2012 – Jun. 2015)
- Drafted requirements and led development of web-based systems (C# / SQL) for streamlining compliant procurement processes and contract generation for affordable housing development and maintenance.
- Created reporting systems using multiple data sources to assist managing officers in analyzing key metrics.

SELECTED PROJECTS

ExpungeVT (In Progress) – Tech lead in development of chrome extension for streamlining expungement process.
- Successfully deployed extension (vue.js) for use by numerous public interest attorneys, including at Legal Aid and VT Attorney General's Office—drastically improving speed and accuracy of expungement process.
- Featured in a GovTech.com publication: https://www.govtech.com/civic/Vermont-Attorneys-Leverage-Open-Source-Expungement-Plug-In.html.
- Helped bring 2,503 expungement and sealing orders granted in Vermont in 2018 to 14,739 orders in 2020.

Finsiteful (In Progress) – Consultant in "fintech" startup seeking to empower young adults with financial skills.

- Helped develop architectural plan for firebase cloud functions serving iOS and Android applications.
- Programmed numerous cloud functions in order to process extensive Plaid JS data.
- Built an auth enabled VueJS application for testing google cloud resources and performing health checks.

Nimble Health (2018) – Pursued a Non-Emergency Medical Transportation (NEMT) solution.

- For Burlington Code Academy's capstone project, our team developed a viable prototype (JavaScript, MongoDB, Express.js, and the Google Maps API) for a driver/scheduler NEMT management web platform.
- In order to explore the viability of the project, our team participated in a National Science Foundation I-Corps program where we interviewed numerous hospital stakeholders and reported to advisors on findings.

Coffee Analysts (2007) – Improved coffee quality control processes at an independent testing lab.

- Helped a boutique consultancy serve international organizations more efficiently using Access, VBA, and SQL.
- Programmed lab instruments to write to the database and eliminate data entry; and integrated lab ops with billing.
- Created custom viewing portals for Dunkin' Donuts and McDonalds to review their routine QC testing results.
- Made higher volume operations feasible with more efficiency, reduced error, and without staff adjustments.

EDUCATION

Burlington Code Academy (Certificate, Aug. 2018)	**Vermont Law School (J.D., 2010)**	**University of Vermont (Bachelor of Science, 2005)**
12 Week Full-Stack Web Development Program	**VT Law Review**: Member & Symposium Editor	**Major**: Business Administration
JavaScript / CSS / HTML / Agile Project Management	**Internships**: *U.S. District Court of Vermont* (2010) *Legal Aid, Harlem Community Law Office* (2009) *Arizona AG's Office* (2008)	**Minor**: French
		Supply Chain Management Certificate: *Vienna University of Economics & Bus. Admin.* (2004)