

6 TWIN ST • WINDHAM, NH 03087
(617) 600-8421 • CELL (603) 490-6972
NICK@ALDW.IN • HTTPS://NICK.ALDW.IN/

NICHOLAS J. ALDWIN

EDUCATION

Northeastern University – Boston, MA	2010–2014
<i>Bachelor of Science in Computer Science – Class of 2014</i>	
Honors	4.0/4.0 GPA, National Merit Scholarship, Honors Program, Dean's List
Memberships	Association for Computing Machinery, Systems Coding Group ("crew")

SPECIALTIES

Languages	Kotlin, Java, Scala, Python, Terraform, POSIX Shell, JavaScript/TypeScript, SQL (& Postgres Tuning), HTML/CSS, Tailwind, React
Areas	Backend System Architecture, API Design, DB Tuning, Events Systems
Technologies	JVM, Kafka, TSDBs, Postgres, Docker, REST, GraphQL, IaC, Chat APIs
Passions	Infrastructure/Platforms, Systems Design, Dev Tooling, Documentation

WORK EXPERIENCE

Thrive Global – Boston, MA (remote)	2022–2025
<i>Senior Staff Software Engineer (L6)</i>	
• Rewrote legacy Slack and MS Teams apps, bringing the latest web user experience to chat	
• Seamlessly migrated IDP data for all customers into a new centralized system with no loss	
• Optimized Postgres across org: page loads dropped 76->0.067ms & batch sends 5hr->9min	
• Saved half-million-dollar contract; actively assisted on many client implementation calls	
Teikametrics, LLC – Boston, MA (remote)	2021–2022
<i>Staff Software Engineer</i>	
• Planned, built, and managed org-wide Kafka data backbone for events & ETL pipelines	
• Wrote and maintained libraries in four languages to interface with events bus & platform	
• Created and managed Terraform infra-as-code for organization's entire cloud footprint	
Teikametrics, LLC – Boston, MA	2018–2021
<i>Senior Software Engineer</i>	
• Vastly improved Postgres aggregations in high-volume (mil/sec) real-time bidding pipeline	
• Ported legacy Rails ETL into new Scala and Spark systems with Snowflake integration	
HubSpot, Inc. – Cambridge, MA	2015–2018
<i>Senior Software Engineer</i>	
• Rewrote significant portions of server-side OAuth2 API to improve client usability	
• Built backend & content for complex automated email featured in conference keynote	
HubSpot, Inc. – Cambridge, MA	2014–2015
<i>Software Engineer</i>	
• Created centralized geodata correlation service serving 8bn sub-10ms responses/month	
• Built scalable headless-browser-based crawler capable of millions of site crawls per day	
HubSpot, Inc. – Cambridge, MA	2012–2013
<i>Software Engineer (Co-op)</i>	
Northwoods Software Corporation – Nashua, NH	2009–2012
<i>Software Engineer (Intern)</i>	

VOLUNTEER EXPERIENCE

Tutors for All – Boston, MA	2011–2014
<i>Technology Coordinator</i>	

PERSONAL PROJECTS

Enviro Sensor System: Electronics + Backend + Events Pipeline + TSDB + Dashboards + UIs
Widely Used Typescript Library for Eleventy Static Generator
Self-Contained Fully Automated Gradle Library Template Publishing to Maven Central

References will be furnished upon request