

# DANVER BRAGANZA

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Citizenship: New Zealand

Work Authorization: Authorized to work in the U.S. (EAD, Adjustment of Status pending)

## Objective

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Seeking an engaging role in engineering leadership which capitalizes on my strong technical expertise and team management experience. I'm enthusiastic about fostering and contributing to a strong engineering culture, enabling the delivery of innovative projects which drive business growth.

## Experience

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### **Software Engineering Lead**, Zipline International., *January 2024—Current*

- Lead the Fulfillment Apps team to build the commercial autonomous drone delivery loading experience
- Launched 2 mission-critical React Native applications in 2 quarters; iterated with operations; embedded apps into high-volume daily integration testing to prepare for launch; performed hardening, and instrumented monitoring and alerting to ensure reliability
- Directly manage 9 engineers; defined the hiring process for hiring 4 of them
- Lead the Fulfillment SWANS team enabling >1000 delivery flights per day globally
- Guide the architecture and design of new systems built and review code regularly
- Coach engineers on my team to drive performance and career growth

### **Software Engineering Manager**, Big Health Inc., *January 2019—December 2023*

- Built and managed a team of 9 engineers—including 1 Staff and 3 Seniors; defined the hiring criteria, managed recruiting agencies and evolved the hiring process
- Managed remote-first, cross-functional pod collaborating with PMs, designers, clinicians, customer success implementers and SETs across 4 business domains
- Coached and mentored team members, resulting in 3 engineers promoted to Senior positions
- Guided the architecture and design of new systems built and reviewed code regularly
- Led integration with CVS Caremark's Point Solutions Management program, enabling a novel Digital Therapeutic market, generating  $\approx$  \$16M AR
- Oversaw development of a mission-critical app by an off-shore contractor team, which enabled 100% of Big Health's user account creation and revenue
- Established and facilitated Backend Architecture Guild sessions to guide technical decision-making
- Implemented SCRUM training and initiated a weekly engineering Book Club to improve developer velocity and knowledge

### **Software Engineering Manager**, Hipmunk Inc., *April 2015—January 2019*

- Built and managed the Backend Platform Team of 7 engineers responsible for APIs powering Flight Search, Hotel Search and Billing
- Served as Backend Architect for Discover Hipmunk, which powered the home page of our mobile app with insights derived from processing 100s of GB daily through integration with the Sabre Farecache API

- Revamped in-house A/B testing framework to enable self-serve iteration for site, mobile, and backend features

**Senior Software Engineer**, Blend Inc., *April 2014—April 2015*

- Contributed to Blend's mortgage workflow product, increasing robustness of critical data pipeline and reducing manual oversight
- Met directly with customers to build improvements to loss-minimizing workflows

**Software Engineer**, Google Inc., *June 2012—April 2014*

- Maintained and sunset YouTube's Creator Growth system, building a successor system on Salesforce's CRM; directed and collaborated with external contractors

**Software Engineer**, Quid Inc., *October 2011—June 2012*

- Built a distributed scraper to extract semi-structured business intelligence data core to Quid's business; achieved peak performance of 10k documents/hr
- Mentored an intern in data migration tasks

## Education

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**M.E. in Software Engineering**, The University of Auckland, New Zealand,  
*Thesis topic: Data Integration Between Heterogeneous Data Systems*

**B.E.(Hons.) in Software Engineering with First Class Honours**,  
The University of Auckland, New Zealand,

## Achievements and Awards

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- Received Spot Bonus and Peer Bonus at Google in 2013
- GRE score 1550 (99.98 percentile); GRE CS Score 840 (92 percentile)
- UoA Engineering Dean's Honours List in 2007, 2008 and 2009 (top 5% students)

## Activities

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- Treasurer, New Zealand Python User Group 2009-2011
- Participant, New Zealand Programming Contest in 2009 and 2008

## Skills

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### Technical

- Programming Languages: Python, Go, JS, Java,  $\LaTeX$ , shell scripting, HTML, CSS, Postgres, MySQL, Regex
- Technologies: Amazon Web Services (AWS): S3, Lambda, Cloudwatch, Quicksight, JIRA, Confluence, Datadog, Splunk, Sentry, PagerDuty, Jenkins, git, Docker, Serverless, Twilio, Iterable

### Software Development Methodologies

- TDD, agile (with a small a), Domain Modeling, pair programming, unit, integration and e2e testing, sprint planning and estimation, OKRs

### Management Skills

- Team Building and Leadership: Hiring, onboarding, and managing cross-functional teams of engineers, cultivating a positive team culture
- Coaching and Mentoring: Developing team members' skills, promoting career growth, and fostering a supportive learning environment
- Project Management: Overseeing project lifecycles, setting goals, and ensuring timely and high-quality deliverables
- Stakeholder Collaboration: Working closely with product managers, designers, clinicians, and external contractors to drive project success
- Process Improvement: Implementing and adapting processes for goal setting, technical designs, and incident response