DANVER BRAGANZA

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Citizenship: New Zealand
Work Authorization: Authorized to work in the U.S.

Objective

Engineering leader with a strong technical foundation and a passion for building high-performing teams. Seeking an Engineering Manager or Staff Engineer role where I can drive impactful technical initiatives while mentoring and scaling engineering teams.

Experience

Software Engineering Lead, Zipline International., *January 2024—Current*
- Led a team of 9 engineers, defining the hiring process and personally hiring 4 of them
- Shipped 2 mission-critical React Native apps in 2 quarters, embedding them into high-volume integration testing and commercial operations
- Introduced engineering best practices: hardened systems, instrumented monitoring/alerting, and improved system resilience
- Coached and mentored engineers, resulting in 1 promotion to Senior
- Lead the Fulfillment SWANS team enabling >1000 delivery flights per day globally
- Influenced technical strategy by reviewing architecture and guiding system design

Software Engineering Manager, Big Health Inc., *January 2019—December 2023*
- Built and scaled a high-performing engineering team of 9 (including 1 Staff & 3 Seniors), leading hiring, onboarding, and career development
- Led integration with CVS Caremark's Point Solutions Management program, enabling a novel Digital Therapeutic market, generating $\approx \$16M$ AR
- Led a strategic outsourcing effort to direct an off-shore team in maintaining a mission-critical app, responsible for 100% of Big Health's user accounts and revenue
- Coached and mentored team members, resulting in 3 engineers promoted to Senior
- Set architectural direction for key systems and conducted high-impact code reviews
- Founded and led the Backend Architecture Guild, establishing best practices and guiding major technical decisions
- Improved developer velocity by implementing SCRUM training and leading a weekly engineering Book Club

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 and feature flag framework to enable self-serve iteration for site, mobile, and backend features, underlying around 100 quick product experiments

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

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

- 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)

Skills

Technical

- Programming Languages: Python, Go, JS, Java, LaTeX, shell scripting, HTML, CSS, Postgres, MySQL, Regex
- Databases: PostgreSQL, MySQL, DynamoDB
- Infrastructure: Amazon Web Services (AWS), Docker, Serverless
- Observability: Datadog, Splunk, Sentry, PagerDuty

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

- Hiring & Team Building: Defined hiring processes, built teams from $0 \rightarrow 9+$ engineers
- Technical Strategy: Guided architecture for high-scale, mission-critical systems
- 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