Eric Ghildyal

215-292-8682 - ericghildyal@gmail.com - www.ergh.co - github.com/ericghildyal

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Innovative, curious founder and technical leader focused on building products that spark joy with users

Experience:

Elligo Health Research   (May 2021 - Present)

Executive Director of Engineering - Joined via acquisition of my startup, Root Health, promoted from Director to Executive Director.

- Sole technical leader at Elligo responsible for 50 Developers and DevOps engineers, both on-shore and off-shore (Ukraine and LATAM)
- Responsible for engineering teams, all technical design, key architecture decisions, and expanding data flows across all 3 of Elligo's products: Root Health, IntElligo Direct Source, and IntElligo Study Marketplace
- Created the technical design of a new Elligo-wide authentication and authorization platform to modernize user access management and reduce complexity for users, allowing for one set of permissions across all products
- Created the technical design for Elligo's first public-facing APIs and successfully onboarded an external development team to the platform
- Implemented the use of "Design Documents" for major engineering changes to all platforms, improving the technical feedback process by making it more collaborative and asynchronous
- Implemented new technical hiring processes to ensure selection of higher quality candidates who were better suited to our technical challenges. Contributed to the hiring of over 10 employees across senior and junior developers, product managers, directors, and interns
- Contributed to the creation of a website design and development team, creating a new revenue generating line for Elligo
- Provided technical guidance for mergers & acquisitions, partnership explorations and due diligence reviews. Partnership companies include: Oracle, Cerner, 121G, VI Tech, and UnoSquare

  (Leadership - Product/Project Management - System Architecture - Team Mentorship - JS/React - Python/Flask - Kubernetes - AWS - Java/SpringBoot - Go - PostgreSQL)

Root Health (Acquired by Elligo Health Research)   (Aug 2017 - May 2021)

Co-Founder and CTO- Root Health automates clinical trial enrollment by providing an AI research coordinator for study teams to get patients from Interested to Enrolled faster.

- Raised funds (AlphaLab Fall 2019) and fostered strategic partnerships
- Lead customer and partnership sales meetings and demos
- Scoped, designed, and built new features to align with business and customer needs
- Fielded all post-contract customer communication, including: product onboarding and training, customer satisfaction check-ins, product release communications, and daily support tasks
- Lead security compliance and security audits from customers and IRBs
- Lead technical, customer, and contract due-diligence for successful acquisition by Elligo Health Research in May 2021.

(Entrepreneurship - Leadership - Product/Project Management - Customer Success - System Architecture - JS/React - Python/Flask - Kubernetes - ML/TensorFlow - AWS & GCP)

Google (contract position through Adecco) (May - Sep 2019)

Application Engineer - Worked alongside 2 other engineers on a massive-scale internal data center orchestration and operations platform. In charge of platform maintenance, scoping of upcoming features, and fielding support requests from internal customers.

(Customer Success - Project Management - Internal Google Stack - Python/Django - HTML/CSS - Clojure)

UPMC Enterprises (Summer 2017 & 2018)

Software Engineering Summer Associate x2 - In 2017: worked on extracting and de-identifying sensitive patient documents in accordance with HIPAA guidelines for a big-data project. In 2018: worked alongside the UPMC RX EXPRESS team improving medication delivery and adherence via chatbot. (rx.upmc.com)

(2017: Ruby - Python - JS/Node.js - Java) *(2018: JS/React/Node.js - CI/CD - Docker/Kubernetes)*

Padblock (Funding awarded by Univ. of New South Wales) (Aug 2017 - Aug 2018)

Project Leader - Researched, presented, and built a proof-of-concept tool to use Blockchain technology in the creation of an immutable ledger for the Australian government's supply chain needs. Team lead of 2 other developers working on the project.

(Leadership - Project Management - Java - Elasticsearch - JS)

Faceplate (at Univ. of New South Wales, Australia) (Summer 2017)

Junior Visiting Research Fellow - Lead existing team in software development best-practices and converted a highly manual workflow into a robust web application. Used Machine Learning concepts and tools to recommend actions and provide an adaptive interface.

(Elasticsearch - JS - C# - ML/TensorFlow)

Talks:

- "Infrastructure Befitting Healthcare" about architecting systems for rigid compliance in healthcare
    - At Association for Computing Machinery Pittsburgh Meetup *(Fall 2018)*
- "Bitcoin n'at" about Bitcoin, Blockchain, Alt-Coins, and Mining
    - At Pitt Computer Science Club *(Spring 2018)* and Design Hub *(Fall 2018)*

Skills:

Soft: Leadership, Project Management, Customer Success, Strict Regulatory Requirements, Creative Problem-Solving

Technical Expert: System Architecture, Python, React, JS/Node.js, Git, Linux, Flask, PostgreSQL, Machine Learning Processes, Data Pipelines, Cloud Architectures, Kubernetes, DevOps

Technical Intermediate: RabbitMQ, Elasticsearch, Blockchain

Interested in: Home Cooking, Winemaking, Entrepreneurship, Film

Education:

University of Pittsburgh 2019

Bachelor of Science in Computer Science and Certificate in Digital Media