

Eric Ghildyal

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Experience:

Root Health

(Aug 2017 - Present)

CTO and Co-Founder - Root is an AI virtual assistant that provides automated participant management for clinical research.

Lead platform architecture and development, customer success, data security, regulatory compliance, and vendor relationships. Responsibilities include: scoping of new features to align with business needs; customer interviews to assess platform performance and needs; fielding all onboarding, training, and support tasks from customers; and security compliance audits.

(Leadership - Project Management - Customer Success - React - Python/Flask - Kubernetes)

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 - Node.js - Java) (2018: 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 - Go - 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)

Education:

University of Pittsburgh

2019

Bachelor of Science in Computer Science

Certificate in Digital Media

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, Healthcare regulatory requirements

Technical Expert: System Architecture, JS/Node.js, Python, React, Java, Git, Linux, Flask, PostgreSQL

Technical Intermediate: RabbitMQ, Elasticsearch, Blockchain, Hardware, Hadoop/Big Data

Interested in: Healthcare, Entrepreneurship, Film, Winemaking