SIDDHARTH GHODKE

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United States Citizen; Based in San Francisco, CA

ACCOMPLISHMENTS

- Experienced Digital Health leader with 10 years of experience building HeathTech software.
- Operated $150M business for RVO Health, grew EBITDA to $50M.
- Successfully led and managed teams for 5+ years, leading teams from 3 to 40 engineers.
- 3x successful startup exists, built the foundational product for seed-stage companies
- Developed Digital Health programs for payer, employer, government, providers and direct to consumer.
- Launched CDC-certified diabetes program. Built regulatory-compliant health software operating in 23 states.
- Transitioned UHG business into a growth-leading digital first experience, replacing telephonic offerings.
- Responsible for setting the vision, technical strategy and execution for product engineering.
- Shipped three 4.9+ star apps for iOS and Android.

PROFESSIONAL EXPERIENCE

Director of Engineering   Oct 2019 - Present
Rally Health, Inc. Prevention Business Unit *(merged with Optum Healthcare)*   San Francisco, CA
Built and led eight high-performing engineering teams that delivered chronic conditions, mental health, GLP-1 weight loss projects

<u>Leadership</u>: *Managing 4 Engineering teams covering Type-2 Diabetics, Smoking Cessation, Weight Loss*
- Grew the teams into an efficient organization with positive net contribution and continuous delivery.
- Reduced the operating overhead in supporting multiple projects by successfully transitioning to Pod Structure.
- Hired from SE1 to Software Architect, developed Talent pipeline with VP/CTO.
- Increased team efficiency by reducing meetings, drastically reduced the disruption to the team.
- Created a policy for dedicating 15% of sprint to platform maturity and live site support.
- Established an objective for the team resulting in 3x QoQ improvement.
- Developed process for floating resources to high-risk deliverables, establishing knowledge sharing sessions.
- Built a culture of learning and mentorship while motivating a record-setting progress.
- Conducted performance improvement plans, promotions, hiring, team building, Full Stack thinking.

<u>Engineering</u>: *Built with Scala, Angular, Play Framework, Postgres, Mesos, Kubernetes, Kafka, RabbitMQ*
- Completed in Kubernetes transition, investigated Kafka for Queuing Architecture, developed new Rules Engine.
- Proactively encouraged continuous Jenkins pipelines, automated testing initiatives for faster releases.
- Key Launches: Continued Enrollment (Year 2), Classroom Capacity increases, Surveys, Class Segmentation, Video Sessions, Accessibility, UI Automation.
- Developed programs for Optum Health, Kaiser Healthcare, United Healthcare, Rally P&L.
- Created integrations for: MyFitnessPal, Strava, RunKeeper, Salesforce, TokBox, Sendbird, Abbot, Dexcom

Principal Engineer   Aug 2017 - Oct 2019
Steady Health, Inc. *(acquired by Carbon Health)*   San Francisco, CA
Bridging Software and Operations to provide world-class Type-1 diabetes care via wearables.

<u>Leadership</u>: *Delivered a vertically-integrated Diabetes Care Clinic platform*
- Starting from proof-of-concept to our MVP App and Backend, in 2017. Coming out of stealth in Q1 2018.
- Hired, on-boarded and mentored 5 full-time teammates including data science interns.
- Conducted sprint planning, mentoring and 1:1's to accelerate the engineering team.
- Conducted advocacy studies with Clinical Teams to build product goals and solicit product feedback.

<u>Engineering</u>: *Built with React, React Native, Python3, node.js*
- Developed complete telemedicine solutions; messaging, patient management, patient relationship, health records, stream processing, billing, calendaring & support.
- Custom React Native Apps released to iOS and Android. Integrations with Medical Device data including HealthKit & Google Health support.
- Google Cloud backend for Real-time processing and Integrations with Salesforce, Stripe, IntakeQ, & Sendgrid.
- React Dashboard and Data Visualization tool for the Endocrinology team. Integrations with Sendbird, & Twilio.

Full Stack Engineer   **Dec 2015 - May 2017**

First Opinion, Inc. *(acquired by CurAI Inc.)*   San Francisco, CA

Lead natural language processing team for early-stage Telemedicine product. Built end-to-end AI chat solution which improved efficiency and turn-around time for medical staff to provide the best experience to our Customers.

Innovation: *Technologies Used: XGBoost, Keras, Scikit-Learn, NLTK*

  Models Trained: Dialogue Acts, Intent Tagging, Predicted Categories, Predicted Abuse, Premium Upgrade

- Trained semi-supervised models over labeled Customer chat conversations and Doctors' notes.
- Developed efficient LSA-based Word Vectorizer, dimensional reduction and clustering pipeline. Applied to prediction of medical severity; integrated into production to triage and prioritize feeds.
- Developed an Auto-summarization feature that captures key phrases from chat log into an Interaction summary; would be trained by historic summaries (see Reuters Summarization dataset).
- Tooling to extract keywords and effective responses for frequent patient queries.

Engineering: *Built with Python2/3, Backbone.js, Marionette.js, WebSocket*

- Launched a Customer WebApp, porting features from existing codebase. Now doing comparable volume of business to our dedicated iOS App. Complete with Payments and Video Messaging.
- Developed new features: offline saving of Medical Profile, tracking a Customer post-Consultation, auto-complete Doctor response.

Lead Engineer   **Jan 2009 - Dec 2015**

Cisco Systems, Inc., Wireless Networks; Enterprise Routing; Advanced Solutions   San Jose, CA

Engineered wireless hardware portfolio, wrote Cloud networking systems, provided technical expertise for Cisco.

Engineering: *Built with Angular, MongoDB, Python, R, NeoCharts, Linux EBTables*

- Built Cisco's Cloud Router and Cloud management, designed to aggregate and connect edge devices.
- Designed multi-tenant data warehousing solution for data streams generated by in-vehicle sensors.
- Developed Load Balancer feature, maximizing system resource and preventing overflow during load spikes
- Developed RFC-accurate TLS packet library and modular test-software for hardware simulation

Pre-Sales: *Customer Engagements, Press Events and Trade Shows*

- Lead trainings and customer showcases to evangelize new product lines at Tradeshows and Product Engagements (Cisco Live SF/Cancun/Europe, Mobile World Congress Europe, Interop NY).
- Instrumental in regaining Gartner's Leaders quadrant with distinction for Vision and Execution against our competitors, with our new routing architecture with Akamai Partnership.
- Presented at Executive Briefings for mid-size to Fortune 500s, delivering Cisco's value to their BD Goals.

EDUCATION

- BS Computer Science and Engineering, *University of California*, Davis, CA.
- Cisco IOS Development trainings, Global Communications training, Marketing trainings.
- Scikit-Learn framework accreditation, XGBoost and Deep Neural Networks Kaggle badges.

INTERESTS

Avid traveler, motorcycle mechanic, guitar player, autonomous cars, sci-fi, archeology, distributed computing, Arduino/ARM developer, and FCC certified in Satellite Radio communications.