SIDDHARTH GHODKE

SID.GHODKE@GMAIL.COM
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

RVO Health, Inc. Prevention Business Unit *(a joint-venture 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

Leadership: *Managing 4 Engineering teams covering Type-2 Diabetics, Smoking Cessation, Weight Loss*

- Led and mentored a global team of 40 engineers, overseeing all aspects of software development, quality assurance, incident and change management and application lifecycle development.
- Developed and executed a portfolio aligned organizational structure, focusing on product verticals and technology strategy to balance process and accountability with product velocity and innovation.
- Launched a Smoking Cessation program for 22 States and GLP-1 medication-assisted weight programs
- Built a ownership and outcomes team culture, with clear RACI in planning, releases, maintenance
- Transitioned software and data stack to Joint-Venture ownership from Optum architecture and shared services; resulting in 3x EBIDTA improvement.
- Built a culture of learning and mentorship in US, India and Europe; motivating a record-setting sprint velocity.
- Conducted performance improvement plans, promotions, hiring, team building to raise the bar of engineering.

Engineering: *Built with Scala, Angular, Play Framework, Postgres, Mesos, Kubernetes, Kafka, RabbitMQ*

- Implemented CI/CD with Jenkins pipelines, drove to 50% improved cycle time with automated testing initiatives.
- Ran Product 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

Engineering Manager — May 2017 - Sept 2018

Rally Health, Inc. Prevention Business Unit *(merged with Optum Healthcare)*   San Francisco, CA

Building preventative health platforms to give providers real-time coaching for long-term positive outcomes

Partners: Amazon Cloud, Google Cloud, Twilio, Salesforce HealthCloud, Epic EMR, Elation EMR

Leadership: *Managing team of 10 engineers building weight loss product*

- 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.
- Created a policy for dedicating 15% of sprint to platform maturity and live site support.
- Call Center integration into Salesforce HealthCloud with Speech Recognition for auto-populated entries (Watson)
- Defined Business Logic in Salesforce Process Builder; Reminder Emails, Doctor's Notes, Appointment Follow Up
- Automated triage and ranking for Calling Patients, with personalized Today screen using Learn to Rank model.

Engineering: *Medical Scribe Voice-Assistant for TenorAI*

- Completed in Kubernetes transition, investigated Kafka for Queuing Architecture, developed new Rules Engine.
- Developed Business Associate Agreements and Consultation Contracts to service Healthcare Clinics and Startup customers.
- Whiteboard Trainings on state-of-the-art AI models in the wild, brainstorm new applications into business units.
- Custom Doctor-Patient Messaging with Push Notifications to a existing Mobile Application.

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.

Leadership: *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.

Engineering: *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.

Founding 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.