Anirudh (Ani) Kunaparaju

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Education

B.A. in Computer Science, Business Minor; (GPA: 4.08) Rice University, Houston, TX   **August 2015 — May 2018**

Skills

Java, Golang (Go), Python	HTML5, CSS, Javascript	PHP, MySQL, SQL	MongoDB, DynamoDB
Amazon Web Services, Heroku	VMware vSphere, OpenStack	Microsoft Azure, Hyper-V	Linux, Apache, Nginx

Work Experience

Software Engineering Intern — Polymail, Inc. (Y-Combinator) Silicon Valley, CA   January 2016 — Present
- Developed core web services for request routing and client communication as endpoint-based REST APIs in Go for Polymail (a cross-platform intelligent email collaboration application)
- Created an analytics platform to aggregate data from multiple sources into DynamoDB; built script library to analyze user behavior and identify cohorts for business development; optimized scripts using concurrent Go-function streams
- Deployed, managed and scaled application infrastructure to handle millions of inboxes across cloud platforms including Amazon Web Services (AWS), Heroku, MongoLab
- Implemented Open Authentication and JSON Web Tokens; developed and integrated monitoring/diagnostic tools
- Partnered with the founding team of four to join the seed accelerator Y-Combinator (Summer 2016); organized support to raise initial round of pre-seed funding

Product Development & Marketing (Founding Team) — Tivamo, Inc. San Jose, CA   June 2011 — August 2015
- Developed front-end web application using JavaScript, HTML5, CSS, and Bootstrap framework for Tivamo (a consumer online marketplace for sharing and monetizing people's experiences)
- Created multiple releases of Tivamo platform with booking, time management, and video conferencing features; helped setup back-end on MongoDB and Amazon Web Services; integrated third-party Stripe payment platform
- Assisted in pitching to raise an initial $250K of seed funding; actively participated in creation of platform's business model, use-cases, and wireframes; exclusively worked on competitive analysis; on-boarded celebrities on to Tivamo

Product Development & QA Intern — NetEnrich, Inc. San Jose, CA   May 2009 — August 2011
- Created a virtualized, VPN-secure development and testing lab with varying configurations on VMware hypervisors to emulate customer environments
- Setup various network controllers, switches, and storage units to test product performance; created rules for routine maintenance operations; configured development and network management tools
- Worked with teams in India and Japan to perform multiple rounds of quality assurance and gain understanding of software lifecycle management before production

Leadership Experience

Infrastructure Engineering, Hackathon Organizer (Computer Science - Rice University)   August 2015 — Present
- Managed all technology infrastructure using Nginx, Apache, and Go routing configurations across DigitalOcean, Google App Engine, Amazon Web Services, & GoDaddy
- Spearheaded non-profit centric technology project; helped organize HackRice, including promotion and fundraising

President, VP of Technology (DECA Business Club - Monta Vista High School)   August 2011 — May 2015
- Ran a 600+ member organization with over $300K in annual revenue; led organization to global #1 competitive ranking; winning record number of first places at international level
- Created a web platform system using PHP, AJAX, and jQuery to manage nearly a terabyte of resources and tasks
- Developed test generator application for 600 users and setup server load-balancer to manage site traffic during peak loads (when over 500,000 requests made)

U.S. Coordinator (Sphoorti 501c3 Non-profit - Monta Vista High School)   April 2010 — November 2013
- Helped create Sphoorti brand and raised funding from various corporate sponsors to provide housing and education for over 100 underprivileged children
- Developed student management and donation tracking platform to allow donors to track which students benefitted from their contributions

Other Activities

Engineering without Borders — Programmed logic controllers to manage water pump systems in rural Nicaragua
Rice Artificial Intelligence Lab — Working on the development of a low-cost autonomous vehicle & scraping traffic data
Rice Eclipse — Writing digital device drivers to connect GPS, IMU, and accelerometers with ARM micro controllers in C