RISHABH ANAND

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WORK EXPERIENCE

Salesforce
Software Engineer Intern   *May'19 to Aug'19*
- Executed the Cost-to-Serve vision with 6 engineers to track and visualize spend on compute resources across all clouds.
- Wrote a universal plugin for OpenStack using GoLang to track consumption in the private cloud and future public clouds.

Associate Product Manager Project   *Jul'19 to Aug'19*
- Drove platform engagement and customer success by creating features designed to poll business constraints and priorities, and have dynamic messaging of generated insights to create a prediction system with click-through actions on insights.
- Wrote product specifications, data and process requirements, decided key metrics while designing mockups for the new features.

Technical Program Manager Intern   *May'18 to Aug'18*
- Spearheaded a Cost-to-Serve roadmap to drive accountability and visibility for spend by designing an Ethereum driven credit system with consumption plugins for AWS, GCP and OpenStack.
- Developed a proof of concept for Bots as a Notification and Control Service, improving response time to infrastructure incidents.
- Drove SLA success by deciding and modeling metrics for first party IaaS, along with a Markov reward chain model to predict availability.

AARP (contracted by AllSource)
Software Engineer Intern (3 Internships)   *May'17 to May'19*
- Led two projects from vision to MVPs while taking a third to be the first production ready project for the lab across 3 internships:
- Engineered 7 new features to increase game completion rates by approximately 60% for a game on the Alexa platform to enhance the elderly's cognitive abilities by mocking user flows and beta testing.
- Conceived and developed automation tools and chatbots to reduce stress on tech support by 40%, costs by 30% with 24/7 availability.
- Carried user studies to envision and build the first project for the lab on the Google Home platform, a project to solve isolation amongst elderly and intelligent alerting for loved ones.

LEADERSHIP EXPERIENCE

Pulse Conference
Director   *Mar'19 to Present*
- Leading a staff of 13 directors and 50+ staffers, managing an operating budget of ~$30,000 to organize a week-long innovation conference with approximately 1000 attendees from across the campus.

Illini Internet of Things Association
Founding President   *Jan'17 to Present*
- Founded the first IoT student organization with a team of 5, raising funds and support from Microsoft, Graybar and ReadWrite.
- Drove operational efficiencies and customer value for a Fortune 500 by writing specifications, functional requirements and process-flows for leveraging Voice-Platforms across the value chain.
- Featured in News-Gazette as the "youngest high-tech innovator".

OTCR Consulting
Project Manager   *May'18 to Aug'18*
- Managed a team of 3 developers across the country to develop a website for the firm, leading the creative vision and tech specs, while personally writing PHP scripts for new member applications.

Consultant   *Feb'17 to May'18*
- Overhauled e-commerce operations of a Fortune 500 by delivering a product roadmap having analyzed competitors, and surveys.
- Recommended a go-to-market strategy for an ad-tech startup which uses machine learning and big data for targeted marketing.

EDUCATION

University of Illinois at Urbana Champaign
B.S. Electrical Engineering.   *May 2020*

RELEVANT COURSEWORK

Technical
Computer Systems and Programming • Data Structures • Data Science • Digital Signal Processing • Digital Systems Lab • Internet Security • AI • Control Systems

Business/Design
Tech Entrepreneurship • Introduction to Media Sales • Hoeft Technology and Management Seminar • UI Design • Design Beyond Boundaries

PUBLICATION

Internet of Things (IoT) the Next Big Revolution
International Journal of Advanced Technology in Engineering and Science   *Jan'16*

PROJECTS

Spoti-ranker   *May'19*
- Analyzed trends in Spotify features of weekly Billboard top 100 songs since 1972.
- Built a recommendation engine to improve song attributes to improve rankings.
- Analyzed correlations between socio-economic situations and lyrics with sentiment analyses.

Ask Eliza (Amazon Echo Skill)   *Jan'17*
- Developed a skill using the Edison to track the user's temperature and pulse.
- Used the Watson API for personality analyses and give feedback via email.

Emergency-Response Automation   *Dec'14*
- Theorized a 50% reduction in emergency response times with a system to automate response by using Cell Tower Triangulation and GPS Enabled ambulances.
- Interning at the Indian Institute of Technology, developed a proof of concept proving strong correlation with realities.

SKILLS/FRAMEWORKS

Languages, Frameworks and Tools
Python • GoLang • C • C++ • JS • SQL SystemVerilog • PHP • Tableau • GCP • AWS • OpenStack • Shell • Flask • Git • SVN

Project Management
Agile/Scrum • Project Scheduling and Discovery • Budgeting • Design Thinking • Feature Definition

AWARDS

GIIS Global Citizen Scholarship *2014-2016*
- One of 6 Indians awarded 90,000SGD to complete their schooling, pursuing International Baccalaureate Program in Singapore

Think Chicago-Chicago Ideas Week *Oct'17*
- Proposed using predictive analytics to prepare families in the Chicago school system for college, with targeted budgeting, loan assistance and scholarships.
- 1 of 5 teams selected from 20, comprised of 200 top students from across the country as part of the civic tech challenge