Siddhartha Nutulapati

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EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY
Bachelor of Science: Computer Science, GPA: 3.27   May 2018
Awards: Dean's List (Spring 2017, Spring 2018), Presidential Scholarship
Activities: Club Ultimate Frisbee, RIT Democrats, RIT Republicans

EXPERIENCE

Amplify   New York, NY
Software Engineer   June 2018 - Present
- *Created and contributed to CLI tools and web applications for internal use as member of the DevOps team in order to improve engineer workflows. Became the primary author, contributor, and maintainer of multiple open source Serverless Plugins with over **1 million downloads**. Refactored software from JavaScript to TypeScript. Used Terraform to configure resources and followed best practices for business continuity. Participated in an on-call rotation using incident management tools such as PagerDuty to respond to and fix production issues.*

Software Engineering Co-Op   May 2017 – December 2017
- *Owned key frontend and backend components of custom infrastructure visualization tools. Analyzed data to determine traffic to different servers during peak hours. Created, contributed to, and maintained open source Serverless Plugins. Worked with Datadog APIs to enhance monitoring and gained familiarity with AWS services such as EC2, S3, and Lambda.*

mySpiderweb   Rochester, NY
Developer   June 2016 – August 2016
- *Built, designed, and tested beta version of mySpiderweb's web application, and packaged web application into iOS app. Worked with multiple API's to aggregate data. Helped teammates troubleshoot problems and cleared issues as assigned.*

Diebold Nixdorf   North Canton, OH
Computer Science Co-Op   January 2016 – May 2016
- *Designed, constructed, tested, and deployed a web application for internal use. Created a general use notification system, improving efficiency from 85% to **99.98%**. Assisted with team members' needs and provided basic IT support.*

RIT Student Government   Rochester, NY
Web Developer   September 2015 – December 2015
- *Maintained the student government website along with services pages such as the student petition site. Handled issues as assigned and improved Student Government's digital services as part of a team.*

Castle   Detroit, MI
Summer Intern   June 2015 – August 2015
- *Built an in-house accomplishment tracker. Added features and repaired bugs for Castle's property management web application. Wrote tests to ensure application security, and assisted with management of new rental properties.*

SKILLS

Languages and Frameworks: Python, JavaScript, TypeScript, Java, Terraform, Bash, React, Serverless
Developer Tools: Git, Amazon Web Services, Linux/Unix, IDEs, SQL/noSQL databases

PROJECTS AND ACTIVITIES

News Aggregator: *Python, AWS Lambda, React*
- Pulled trending news articles from sources such as CNN, The New York Times, and Buzzfeed. Analyzed headlines in an effort to determine each article's political bias.

March Madness: *Python*
- Analyzed historical March Madness data using team seeds to determine Final Four. Predicted correct seeds for 2017 Final Four.

Phineas and Ferb: *Python*
- Scraped web for transcripts of *Phineas and Ferb* and parsed scripts for information on character appearances, screen time, and frivolous statistics. Performed sentiment analysis on each character's lines, confirming character tropes.

Quarterback Ranking: *R*
- Analyzed NFL quarterbacks' seasons relative to passing averages of their era.