PRANEETH SANGANI

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SKILLS

Languages
Python, Java, JavaScript, TypeScript, Golang, Ruby, C, SQL, HTML, CSS

Frameworks & Libraries
React, Redux, Node, Angular, Spring, Selenium, Junit, PyUnit

Technologies & Tools
PostgreSQL, MySQL, MongoDB GraphQL, AWS, GCP, Docker

EXPERIENCE

Riot Games, Los Angeles, CA — *Software Engineering Intern*   May 2021 – July 2021
React, TypeScript, Node, Java, GraphQL, Docker

- Developed reusable components with **React** and **TypeScript** that track telemetry data to power the front page of Riot's game clients that over **100 million** users interact with monthly
- Devised a robust theming system that allows every component to be specifically styled for maximum reusability
- Migrated **REST** APIs to **GraphQL**, resulting in a performance increase of **29%**

University of Pittsburgh, Pittsburgh, PA — *Programming Lead/Research Assistant*   August 2020 – May 2021
Python, React, Pandas, Matplotlib, WordCloud, GCP, Amazon Rekognition, Amazon S3 Bucket, Infegy

- Led a team of 3 engineers to build a project that extracts consumer metric data toward companies from the Infegy API, analyzes the data with **Pandas**, and generates various reports with **Matplotlib** and **WordCloud**
- Constructed an interface in **React** that accepts image upload and then displays image analysis, deployed to **GCP**
- Developed a pipeline in **Python** that uploads images to **S3 Bucket** and returns the analysis with **Rekognition**

Cirrus Logic, Austin, TX — *Software Engineering Intern*   September 2020 – December 2020
Python, React, Redux, PostgreSQL, Redis, Selenium, PyUnit

- Created an interactive dependency tree visualizer with **React** and **Redux** for an in-house project management application allowing users to better understand the current trajectory of a project
- Implemented record locking in **Python** to ensure that a ticket was not being edited by multiple people at once
- Wrote comprehensive unit and UI tests with **PyUnit** and **Selenium**, saving **3 hours** of manual testing per sprint

Medidata Solutions, New York, NY — *Software Engineering Intern*   June 2020 – August 2020
Java, Spring, Ruby, React, MySQL, Maven, Mockito, Junit, Tomcat, Pact

- Architected a CI/CD pipeline with **Java** and **Ruby** enabling a comprehensive end-to-end test automation system hosted on an **Apache Tomcat** server, saving **12 hours** of developer time per sprint
- Developed a UI in **React** that monitors the progress of the testing pipeline and allows users to enter mock data
- Reduced integration testing runtime by **37%** by implementing **Pact contract tests**

Regulatory DataCorp, King of Prussia, PA — *Software Engineering Intern*   May 2019 – June 2020
Java, Spring, Angular, PostgreSQL, Tomcat, Maven, Mockito, Junit, AWS EC2

- Designed and constructed a robust service in **Java** and **Angular** that would process and serve batches of data at predetermined intervals for client consumption, generating **$23 million** in revenue every year
- Built an application in **Java** to ingest log files and filter PII data prior to being hosted on **AWS EC2 Clusters**
- Implemented fault tolerance for web applications that were stored on **Tomcat** clusters using serialization in **Java**

ACTIVITES

Pitt Computer Science Club — *Mentor*   August 2020 – Present

- Assisting 4 underclassmen per semester with resume and interview prep – everyone has landed internships

RDC Intern Salvation Army Clothing Drive — *Chairman*   May 2019 – June 2019

- Organized a team of 5 interns to orchestrate a month-long company donation drive for The Salvation Army

EDUCATION

University of Pittsburgh, *Bachelor of Science in Computer Science*   August 2017 – May 2021