

# Sung Joon Park

Full-Stack Software Engineer

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## Experience

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### Appian – SOFTWARE ENGINEER II

Tysons, VA (2021 - Present)

- Developed enterprise solutions using Java, Spring, SAIL (UI), Hibernate, Kafka, and Elasticsearch

#### Launched Process HQ for Business Insights:

- Led the investigation to integrate Quartz with Mining APIs to automate updates, setting a template for future projects.
- Spearheaded the development of the team's flagship feature, enabling customized process creation in Process HQ with Appian's data fabric. Managed feature requirements, cross-team dependencies, and end-to-end development flow.
- Designed and implemented an error-handling system to facilitate robust troubleshooting of failed processes.
- Reduced sync latency time by **80% (from 1 hour to 10 mins)** utilizing a paged streaming mechanism and AWS S3.

#### Released Appian Portals for Public Websites:

- Introduced Appian Portals and developed a Kafka-based queueing system integrated with the Impact Analysis pipeline to auto-publish for users, now used by over **500 customers**.

#### Modularized Quartz for Background Jobs:

- Developed a reusable Quartz infrastructure module, **halving the time** required to create scheduled background jobs.

### Appian – SOFTWARE ENGINEER INTERN

Remote (Summer 2020)

- Enhanced bulk execution testing capabilities in Appian Designer leveraging Java, Spring and SAIL (UI).

### Volkswagen Credit – SOFTWARE ENGINEER INTERN

Herndon, VA (Summer 2019)

- Automated deployment of VCI applications using AWS services (EC2, ECS, S3, CloudFormation) and Docker.

### Ridgeback Network Defense – JAVASCRIPT DEVELOPER INTERN

Remote (2018 - 2019)

- Developed 13 network data visualization widgets using d3.js and Javascript.

## Projects

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### Appian Hackathon: Expression Rule Debugging

Tysons, VA (2021)

- Contributed to development of debugging in Expression Rules to boost developer productivity using Java and SAIL (UI).
- **Awarded the Popular Vote at the Hackathon**

### COVID Dashboard 🌐 [Link](#)

Charlottesville, VA (2021)

- Created a COVID-19 dashboard with data visualizations for VA counties with Node.js, React.js and CovidActNow API.

### Skill Matcher 🌐 [Link](#)

Charlottesville, VA (2019)

- Developed a web application matching students to tutors at UVA, implemented with Django and Heroku.

## Skills

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**Proficient** Java, Spring, Python, Javascript, React

**Familiar** AWS, SQL, Kafka, Elasticsearch, Docker, R

## Education

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### University of Virginia – B.S. COMPUTER SCIENCE

Charlottesville, VA (2017-2021)

- Magna Cum Laude, Statistics Minor

### Thomas Jefferson High School for Science & Tech

Alexandria, VA (2013-2017)