Collin **Kleest**

SOFTWARE ENGINEER · GREATER PHILADELPHIA AREA

(+1) 484-854-9485 | collinkleest@gmail.com | https://www.collinkleest.com | collinkleest | collinkleest

Work Experience

The Vanguard Group - Technology Leadership Program
Malvern, PA

DEVOPS CLOUD ENGINEER — *Apr. 2021 - Current*

- Developed Java Rest APIs that served internal consumers, specifically APIs that delivered financial fund data. Optimized queries and algorithms to decrease response times and improve application performance.
- Designed and implemented cloud-native ETL jobs and event-driven microservice architecture.
- Performed resiliency and performance tests to ensure application stability.

BACKEND ENGINEER — *Aug. 2021 - Apr. 2022*

- Developed Java Rest APIs that served internal consumers, specifically APIs that delivered financial fund data. Optimized queries and algorithms to decrease response times and improve application performance.
- Designed and implemented cloud-native ETL jobs and event-driven microservice architecture.
- Performed resiliency and performance tests to ensure application stability.

APPLICATION ENGINEER INTERN — *Jun. 2021 - Aug. 2021*

- Contributed to a full-stack Angular-based College Cost Estimator web app that helps advisors and clients get an estimated cost of college for their children.
- Lead development of an electron application with a group of interns that manages Vanguard's community gardens.

Pfizer
Collegeville, PA

ASSOCIATE SOFTWARE ENGINEER — *Aug. 2020 - Dec. 2020*

- Contributed to a web based micro-service data processing platform that is utilized by finance and manufacturing teams.
- Improved data-processing services that were used by manufacturing facilities producing COVID-19 vaccinations.

SOFTWARE ENGINEER INTERN — *Jun. 2020 - Aug. 2020*

- Engineered a full stack web application that dynamically updates API documentation with latest releases of a set of micro-services
- Designed a front-end user interface using individual React components and built out a back-end that exposes a spring boot rest API

Education

The Pennsylvania State University
State College, PA

B.S. IN INFO SCIENCE AND TECHNOLOGY, FOCUS IN SOFTWARE ENGINEERING — *Jun. 2018 - May. 2021*

- **GPA:** Cumulative - 3.89, Major GPA - 4.0
- **Accolades:** Deans list every year, Richard C. Assetto, Robert and Tammy Morgan Trustee, and Hendrickson Family Trustee Scholarship
- President and Co-Founder of Emerging Technology Club
- Java Learning Assistant, Learning Assistant Coordinator, and Security Instructional Assistant

Skills

PROGRAMMING LANGUAGES: Java, Python, Typescript/Javascript, SQL

WEB TECHNOLOGIES: React, Angular, Sass, Express, Nest.js, Redux, MobX, Web Components

TESTING SUITES: Behave, Cucumber, Pytest, JUnit, Jest, Cypress

TOOLS: Git, Docker, MongoDB, Postman, Jinja, Atlassian Toolsuite

OTHER RELEVANT SKILLS: AWS, CI/CD, Problem Solving, Communication, Collaboration, Leadership