

Collin Kleest

SOFTWARE ENGINEER · GREATER PHILADELPHIA AREA

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Work Experience

The Vanguard Group - Technology Leadership Program

Malvern, PA

FULL STACK ENGINEER

Nov. 2022 - Current

- Developed a serverless secure site that handles registration, and login for Americas investor sites.
- Led development of reporting infrastructure and data lake, enabling the business to perform client analysis.
- Managed and enhanced investor sites by developing new features, integrating with GraphQL APIs, and building new components, resulting in an improved user experience and increased product offerings.

DEVOPS CLOUD ENGINEER

Apr. 2022 - Nov. 2022

- Supported 5000+ containerized mission-critical business applications by completing feature and escalated tickets.
- Contributed to making the ECS platform more stable and reliable, by reducing cloud dependencies.
- Engineered a cloud-native platform insights tool that helped product teams and clients reduce their ECS costs.

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.
- Retired, refactored and condensed multiple REST APIs saving around 50000 USD a year.

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

TOOLS: GIT, DOCKER, MONGODB, POSTMAN, JINJA, BEHAVE, CUCUMBER, PYTEST, JUNIT, JEST, CYPRESS

OTHER RELEVANT SKILLS: AWS, CI/CD, PROBLEM SOLVING, COMMUNICATION, COLLABORATION, LEADERSHIP

Projects

RCE (Remote Code Executor Engine) (React, Typescript, Node, Docker) Github Repo

Magiclax (Combined Parlay App) (Nest.js, React, Typescript/Node, Nginx, Docker) Backend Repo | Frontend Repo

Varia (Discord Music Bot) (Node, Typescript) Github Repo