Tran Le

(817) 371-2251   tranle97@gmail.com   [Portfolio](#)   [LinkedIn](#)   [GitHub](#)

Skills Java, Spring Boot, JavaScript, Python, Kubernetes, AWS, React, Redux, Express, Node.js, HTML5, CSS3, Git, SQL, PostgreSQL, Flask, SQLAlchemy, Docker, Heroku, Agile Methodology

Experience

Software Engineer I   Nov 2021 - Current
Nordstrom

- Developing Supplier Performance Expectations tool to improve and increase efficiency in financial planners' current manual process for planning cost and profitability metrics.
- Collaborated on the development of a user management application using **React** and **JavaScript** to provide over 200 business planners with credentials and access to varying databases.
- Designed and deployed strategy for reducing **Kubernetes** resource requests resulting in monthly savings upwards of $3,500.
- Automated deletion of manual database snapshots in **AWS RDS** using **Python** (**boto3**) to integrate **EC2** instance and **Airflow** scheduling to reduce **AWS** monthly costs.
- Participated in schema design reviews and collaborated on the development of **Kafka** topics using **Spring Boot** and **MapStruct** to allow Nordstrom Analytical Platform to consume data for financial and business planning.

Projects

Radiant (JavaScript, React, Redux, Python, Flask, HTML, CSS, PostgreSQL, Docker, Heroku)   [Live Link](#)
Skincare routine tracker and journal application

- Implemented journal entries by utilizing **Flask-SQLAlchemy** and **React Hooks** to dynamically verify a user's completed entries and to create or update an entry.
- Improved user experience by establishing **React Hooks** to demonstrate product data matching criteria of search query in order to conveniently and quickly find products in the database.
- Incorporated journal calendar by integrating **react-tabs** and **Moment.js** to showcase entries with accurate corresponding dates.

TradeMarian (JavaScript, React, Redux, Python, Flask, HTML, CSS, PostgreSQL, Docker, Heroku)   [GitHub](#)
Stock trading and investing application inspired by Robinhood

- Used **IEX Cloud API** and **Recharts library** to implement stock performance charts to illustrate company stock prices over a given period of time.
- Incorporated news component by making requests to the **News API** to display stock specific and general news so users can monitor current events of stocks they may invest in.
- Teamed with four people using **Agile methodology** to deliver a viable product with four features in a week's sprint.

Puppr (JavaScript, React, Redux, Node, Express, PostgreSQL, HTML, CSS, Heroku)   [Live Link](#)
Dog photo sharing application inspired by Flickr

- Introduced **CSRF attack prevention** and validation forms to ensure **user authentication** and confidentiality.
- Engineered **REST API** and **PostgreSQL** relational database backend with **Express/Node**, allowing for efficient CRUD operations for photos, albums, and comments.

Leadership

alpha Kappa Delta Phi International Sorority, Inc.
Chapter President   May 2019 - Feb 2020

- Organized monthly workshops with various university entities promoting education and training in mental health, values and ethical leadership, allyship and risk management.
- Dedicated to raising awareness and funds to eradicate breast cancer, raising $4,630 for Breast Cancer Awareness Month.

Education

App Academy   Jan 2021 - June 2021
Immersive software development course with focus on full stack web development.

The University of Texas at Austin
Bachelor of Science and Arts in Biology   Aug 2016 - May 2020

- Relevant Coursework: Introduction to Java, Computational Biology and Bioinformatics in R and Python, Biostatistics in R