Tran Le

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Skills React, TypeScript, JavaScript, Python, Kubernetes, AWS, HTML5, CSS3, Git, PostgreSQL, Docker, Agile Methodology

Experience

Nordstrom
Software Engineer II   Nov 2023 - Current
- Designed release plans and timelines, managing cross-functional teams, and ensured the timely delivery of product releases in collaboration with Product Manager, enhancing product readiness and market entry
- Architected a system using ETL processes to integrate data from a third-party vendor into an internal operational data store, providing a single source of truth for planning data for internal and external consumers
- Led support for infrastructure and operational components of Supplier Planning tools, ensuring system stability and performance to meet business service level agreements (SLAs)
- Communicated with business partners and stakeholders to gather requirements, align on project goals, enhancing project transparency
- Facilitated Agile practices, including sprint planning, backlog refinement, and retrospective facilitation, to drive continuous improvement

Nordstrom
Software Engineer I   Nov 2021 - Nov 2023
- Led the development of Supplier Scenario Planner enabling merchant teams to track supplier financial and inventory health throughout the fiscal year, enhancing data visibility and decision-making
- Created the Supplier Performance Expectations tool, streamlining financial planners' manual processes for planning cost and profitability metrics, saving over 700 hours annually
- Collaborated in building a user management application with React and TypeScript, providing secure access for over 200+ business planners to various databases, improving efficiency and data governance
- Designed and implemented a Kubernetes resource optimization strategy, reducing resource requests and achieving monthly savings of over $3,500
- Automated the deletion of manual database snapshots in AWS RDS using Python (boto3), integrating EC2 instances with Airflow scheduling to minimize AWS costs

Projects

Radiant (JavaScript, React, Redux, Python, Flask, HTML, CSS, PostgreSQL, Docker, Heroku)
Skincare routine tracker and journal application
- Implemented dynamic journal entry functionality using Flask-SQLAlchemy and React Hooks, enabling users to seamlessly verify, create, and update skincare routine entries
- Enhanced user experience with product search features by utilizing React Hooks to dynamically display product data based on search criteria, improving search efficiency and accuracy
- Integrated a journal calendar by using react-tabs and Moment.js, allowing users to view and manage skincare entries by date with visual clarity

TradeMarian (JavaScript, React, Redux, Python, Flask, HTML, CSS, PostgreSQL, Docker, Heroku)
Stock trading and investing application inspired by Robinhood
- Developed interactive stock performance charts using IEX Cloud API and Recharts library to visualize company stock prices over selected periods, enhancing data-driven decision-making for users
- Built a real-time news component by integrating the News API, providing users with up-to-date, stock specific, and general news to inform their investment choices
- Collaborated in a four-person Agile team to deliver a fully functional MVP with four core features in a one-week sprint, demonstrating effective teamwork and rapid development skills

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