Zachary Anderson

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WORK EXPERIENCE

Software Engineer 1   **Summer 2024 - Present**

J.B. Hunt Transport Inc.

- Designed and developed new features and enhancements for enterprise web applications supporting technicians and managers nationwide in work order and asset management.
- Delivered a full Planned Records module in the flagship maintenance application, enabling streamlined scheduling, management, and planning of upcoming work orders.
- Built and extended web services to support the lifecycle of work orders, and other asset management needs.
- Contributed to full-stack development efforts across multiple applications, from frontend UI improvements to backend service integrations.
- Participated in a coding speed run, implementing front-end technology solutions in front of an audience of over 300 people.
- Developed services for querying input data and processing it through a pipeline of API calls, including cache-based cron workers to poll business data for analytics.
- Engineered a device management tool to oversee thousands of network devices, resulting in reduced troubleshooting times and faster configuration changes.

Engineering & Technology Internship   **Summer 2023 - Fall 2024**

J.B. Hunt Transport Inc.

- Implemented a configuration file generator for load balancing service, automating the migration process of virtual servers.
- Created small services to poll device statistics, to be polled from other services.
- Collaborated with a senior engineer on a network inventory application, creating filtering additions to new features.

PROJECTS

Gatemate

- Proof of concept web application for monitoring and controlling rice irrigation gates, including full stack development and partial web hosting.
- Maintained consistent client communication and meetings, utilizing mock data for user interactions.

Nutrition Tracker

- Developed a nutrition tracker android **application** in Kotlin using the MVVM architecture, implementing data management, state handling, and user interactions without relying on external libraries.
- Built a custom GUI from scratch, designing intuitive layouts and interactive components to track meals, calories, and nutritional data.

EDUCATION

Bachelors of Science in Computer Engineering (B.S.)   **Fall 2020 - Spring 2024**

- University of Arkansas, Fayetteville, AR - 3.5 GPA

SKILLS

Angular, Java, React, Node.js, Typescript, Javascript, HTML, CSS, Tailwind CSS, Design Patterns, REST API's, User Interface Design, Express, Relational Databases, SQL, PostgreSQL, Docker, MongoDB, Git, CI/CD, Cloud Architecture, Terraform, Ansible, Web Development, Front-End Development, Back-End Development, Object-Oriented Programming, Functional Programming