Anna Arutyunova

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WORK EXPERIENCE

BYU-Idaho — April 2024 – December 2024
Web Backend Development Teaching Assistant — Rexburg, Idaho
- Provided technical support in Node.js, helping 15+ students weekly troubleshoot and understand backend development concepts, contributing to measurable improvements in understanding
- Graded assignments, enhancing students' comprehension through detailed feedback
- Revised assignment clarity and reduced common errors by collaborating with professors to refine materials

The Aero Corp — January 2024 – April 2024
Full-Stack Web Development Intern — Ester Park, Colorado
- Devised a Ruby and Waxx backend for a web store selling plane parts, utilizing Postgres for database management, designed to streamline inventory tracking and sales
- Designed dynamic front-end features with HTML, CSS, Bootstrap, JavaScript, and jQuery, revamping user interface responsiveness and contributing to a more engaging user experience for potential customers
- Demonstrated initiative by resolving technical challenges and advancing project development, ensuring consistent progress with limited supervision

The Church of Jesus Christ of Latter-day Saints — January 2023 – April 2023
Data Engineer Intern — Riverton, Utah
- Ensured accuracy of data migrations involving 10M+ records across multiple data stores using Microsoft SQL Server, preparing for future cloud migration
- Wrote automated testing scripts to validate data migrations, identifying and resolving 100+ inconsistencies, reducing hours of manual testing time and improving data accuracy
- Maintained and optimized data warehouses using dimensional modeling techniques, improving data storage efficiency and retrieval processes

PROJECTS

KarNag
- Created a car maintenance app with React Native, Expo Go, and Firebase
- Integrated CarMD API to display upcoming maintenance based on mileage

Plums – Note-Taking App
- Partnered with another developer to build a responsive note-taking app, utilizing React, Next.js, Tailwind CSS, and Prisma for efficient database management and performance optimization through server-side rendering

Timekeeping chrome extension
- Engineered a Chrome extension in a 24-hour Hackathon as part of a team of 3, enabling users to track time spent on personal tasks and projects

Car Dealership Website
- Collaborated as a team of 4 to develop a backend application operating Node.js and Express and integrate a Postgres database

SKILLS AND CERTIFICATIONS

- JavaScript
- HTML
- CSS
- SQL
- PostgreSQL
- React
- React Native
- Expo Go
- Tailwind
- Next.js
- Node.js
- Express
- MongoDB
- Firebase
- C#
- Python
- Godot
- GDScript
- AWS Certified Cloud Practitioner

EDUCATION

Bachelor of Science in Software Engineering
Brigham Young University – Idaho — January 2021 – December 2024
- GPA 3.94