

Jacob Hunsaker

Austin, TX

(512) 763-0907 | jacobjhunsaker@gmail.com

WORK EXPERIENCES

General Motors

Austin, Texas

Software Engineer

June 2022 – May 2026

- Delivered \$3M+ in monthly revenue impact by re-architecting a Content Optimization platform from .NET MVC to Spring Boot + Angular, significantly improving user experience, application performance, and system scalability.
- Recognized by leadership for independently delivering a scalable, AI-driven internal chatbot (TypeScript-React, FastAPI, Azure, Databricks) ahead of schedule, now serving hundreds of internal users across departments.
- Reduced deployment failures and improved deployment workflows by leading the rollout of GitHub Actions and ArgoCD CI/CD pipelines, optimizing YAML and Helm manifests for automated GitOps deployments with rollback and health checks.
- Enhanced backend performance by implementing Redis caching, optimizing state management with Zustand, and deploying SQL views and stored procedures through SSMS, significantly accelerating query times and reducing compute costs.
- Instituted robust quality controls by embedding test frameworks (Mockito, Zest) and real-time code analysis tools (SonarQube) into the CI/CD pipeline, resulting in a measurable drop in production bugs and code smells.

Brigham Young University - Life Sciences IT

Provo, Utah

Full-stack Developer

Sept 2020 – Apr 2022

- Delivered critical solutions that directly support Life Sciences operations by developing and maintaining multiple high-impact custom web applications using .NET Entity Core/Vue.js, while improving organizational workflows.
- Led and managed three concurrent development projects with a flawless deployment record, ensuring zero major incidents through rigorous testing, bug-fixing, on-time delivery, and performance tuning.
- Enhanced efficiency and user experience of over 200 students per semester by building and optimizing a scholarship application platform that streamlined the financial aid process.
- Collaborated directly with executive stakeholders to transform strategic goals into fully functional web applications, aligning each project precisely with the institution's long-term objectives and enhancing operational impact.

Smart Learning Korea

Seoul, Republic of Korea

Software Application Developer Intern

May 2021 – Aug 2021

- Solely led the development of two brand-new applications for teachers in Flutter, gaining rapid mastery and deploying them on both Google Play and Apple App Store, significantly expanding the company's app portfolio and user base.
- Revamped an outdated PHP application by seamlessly migrating them to Flutter, delivering a more modern and high-performance user experience, setting new development standards for the organization.
- Authored ("How-to-Flutter") internal documentation in Korean, providing a guide for future Korean developers in the company, reducing training time while enhancing onboarding efficiency.

SKILLS & INTERESTS

- **AI:** Claude Code, Harness AI, Prompt Engineering, RAG, LangGraph
- **Backend:** Java Spring Boot, .NET Entity Core, Node.js, Kotlin, Flutter, FastAPI, REST, Firebase, GO
- **DB & Storage Systems:** MySQL, PostgreSQL, SQL Server, SSMS, Databricks, S3 (ECS, StorageGrid), Redis
- **Frontend:** JavaScript, TypeScript, Angular.js, Vue.js, React.js, Next.js, Tailwind CSS, Material UI, antd, Zustand
- **DevOps & Cloud:** Azure DevOps, Jira, AWS, CI/CD, ArgoCD, GitHub Actions, Docker, Kubernetes, JFrog Artifactory
- **Testing & Quality:** Mockito, Zest, SonarQube, Selenium, Contentsquare, Datadog, Dynatrace, Grafana
- **Other Technical Skills:** HPC, Bash, OAuth 2.0, nginx, OpenAPI
- **Interests:** Machine Learning, Artificial Intelligence, System Design, UI/UX
- **Link:** [GitHub](#), [LinkedIn](#), [Portfolio](#)

EDUCATION

Brigham Young University

2017 – 2022

Bachelor of Sciences in Statistics - Data Science, Minor in Business Management