

# Levi Barsis

Software Engineer

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Highly skilled and motivated Software Engineer with a passion for learning and development. Strong experience in Agile and Scrum environments and a proven ability to work effectively in a collaborative team setting. Possessing exceptional communication and analytical skills, as well as technical proficiency in HTML5, JavaScript, React, Ruby and other programming languages. Experienced in app development, program optimization, and code validation through hands-on school projects. Committed to producing clean, efficient, and effective code.

**GitHub Link:** <https://github.com/lbarsis>

## EDUCATION —

**University of Alaska, Fairbanks**  
Bachelor of Science  
Aug 2012 – May 2017  
Mechanical Engineering

**Flatiron School**  
Software Engineering  
Aug 2022 – Current

## KEY SKILLS —

JavaScript  
React  
Ruby  
Git  
Project estimation  
Systems development  
Project management proficiency  
2D and 3D modeling

## CERTIFICATIONS

**Fundamentals of Engineering,  
Mechanical:**  
01/26/2017  
Result: Pass  
Board: Alaska  
NCEES ID: 17-475-42

## Portfolio

### Steppers: An E-Commerce Store - [GitHub](#)

- Designed and developed a comprehensive E-commerce platform enabling users to seamlessly browse an array of products, add desired items to the cart, securely checkout, place orders, and review past transactions.
- Incorporated Stripe API to orchestrate payment processing, providing a safe and secure method for checkout sessions while ensuring efficient handling and storage of customer data.
- Integrated Active Storage, facilitating admins to conveniently upload product images directly from their local systems, thus simplifying the process of catalog management.

### Theme Park Planner - [GitHub](#)

- Conceptualized and created an intuitive application designed to streamline vacation and theme park visit planning.
- Seamlessly integrated a PostgreSQL backend with a Rails API, complemented by a React frontend, to ensure robust and responsive application performance.
- Embedded advanced user authentication and admin authorization features to provide a secure and user-centric experience.

### Bug Tracker - [GitHub](#)

- Harnesses a Rails API coupled with an SQLite backend to create a robust solution for small teams to efficiently track and manage issues.
- Enables users to create individual projects, generate associated tickets, and assign team members, fostering collaborative problem-solving and efficient project management.
- Provides inline table editing functionality, fostering an intuitive and simplified approach to user project tracking.

## EXPERIENCE

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*Nov 2020 - Current*

**Project Engineer • Krieger Specialty Products**

- Oversaw and maintained the integrity of system performance and backend databases to ensure optimum functionality.
- Engineered and executed incremental enhancements to the Quality Management System (QMS) software using robust scripts. Notable improvements include: automation of email notifications upon field entries, development of comprehensive report templates, and introduction of visual indicators to alert project management about potential issues.
- Served as a crucial liaison between the Engineering and Production departments, effectively bridging the communication gap and ensuring seamless operation processes.
- Managed and resolved quality-related concerns, meticulously documenting and tracking rework entries into the system. Crafted detailed reports and accounts to monitor quality control and enhance future process improvements.

*Feb 2018 – Nov 2020*

**Field Engineer • Delta Constructors**

- Interacted effectively with site engineering team and field staff to coordinate work that complied with design and construction documents.
- Confirmed that construction progressed as scheduled and in compliance with contract specifications.
- Managed budget, scheduling, quality assurance, safety compliance and coordination of construction trades and contractors.

*Jul 2017 – Feb 2018*

**Telecom Technician • General Communications Inc.**

- Analyzed user-generated trouble tickets to determine causes of problems and took appropriate action for resolution.
- Worked closely with network administrators and server engineers to deliver quality service.