

# Soren Larsen

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I am a highly motivated software engineer with a solid background in computer science, focusing on web and mobile application development. Experienced in a broad spectrum of programming languages and technologies, I have refined my expertise towards web and mobile frameworks to efficiently execute projects from start to finish. Currently, I am exploring generative AI to enhance these projects, aiming to leverage its capabilities for innovative user experiences.

## EDUCATION

- University of California Santa Cruz** Santa Cruz, CA  
*Bachelor of Science in Computer Science; GPA: 3.40* *Sept. 2019 – June. 2023*

## CERTIFICATIONS

- Machine Learning Specialization:** Coursera/Stanford/DeepLearning.AI, Nov 2023  
Certificate: <https://www.coursera.org/account/accomplishments/specialization/certificate/RRGAARWYKJER>

## SKILLS

- Languages:** Javascript, Typescript, HTML, CSS, Swift, Kotlin, Dart, Java, Python, SQL, C/C++, Haskell, Latex, JSON
- Frameworks/Databases:** React, React Native, Flutter, Express.js, Node.js, Vue.js, PostgreSQL, Flask, Bootstrap
- Developer Tools:** Git/GitHub, Jira, Figma, Docker, Jest, Barista/Esspresso, Postman, Google Cloud
- Development Practices:** Version Control, Scrum, Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD), Agile Methodologies, Full-Stack Development, Mobile Application Development, Front-End Development, Back-End Development, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), Machine Learning (ML), Artificial Intelligence (AI)
- Soft Skills:** Effective Communication Skills, Agile Adaptability, Collaborative Teamwork, Strategic Time Management, Rigorous Attention to Detail, User-Centric Customer Service, Leadership, Creativity, Empathy, Stress Management, Conflict Resolution, Resilience, Critical Thinking, Emotional Intelligence, Self-Motivation/Initiative, Negotiation Skills

## EXPERIENCE

- Boardal** San Diego, CA  
*Software Developer & Consultant — Agile Methodology Specialist* *April 2024 - Present*
  - Software Development and Agile Expertise:** Providing expertise in Software Development and Agile Methodologies to streamline and organize the app's development process.
  - QA Testing and Debugging:** Elevating the performance and dependability of the application through QA testing and debugging.
  - Feature Integration and Expansion:** Actively involved in integrating new features, aiming to expand the app's capabilities and ensure it aligns with user demands and future scaling needs.
  - Adaptability and Innovation:** Adapting to the dynamic and evolving needs of the startup, ready to tackle new challenges and technologies to drive the Boardal app forward.
  - Link:** <https://boardal.app/>
- ParkMe** Santa Cruz, CA  
*Product Owner* *Jan 2023 - March 2023*
  - Project Leadership:** Steered the development of the ParkMe app, tackling the challenge of urban parking by enabling real-time spot listings and reservations, significantly reducing search times and user frustration.
  - Peer Programming Initiatives:** Facilitated regular peer programming sessions, fostering a collaborative team environment that enhanced coding standards and accelerated feature development through shared expertise.
  - User Experience Design:** Optimized the user interface for cross-platform compatibility, ensuring responsive interaction across a wide range of devices. This design enhancement allowed significantly more users to effectively use our app on their devices.
  - Agile Management:** Led Agile processes, including scrum meetings and stakeholder interactions, to efficiently manage project timelines and deliverables.
  - Backend Development:** Developed essential backend routes supporting complex transaction processes, improving system efficiency and user transaction experience.
  - Link:** <https://gitfront.io/r/iamsoren1/3GNVBXrchghV/ParkMe/>

## PROJECTS

- Messaging Service Mobile Application** Mar 2023 - Jun 2023  
*Tech Stack: Kotlin, Swift, React Native, Barista, Espresso, XCTest, Jest*
  - Project Description:** Developed multi-platform messaging applications mirroring Discord and Slack user interfaces and functionalities such as real-time messaging and group channels. This approach addressed the task of providing a consistent communication experience across Android and iOS ecosystems using Kotlin, Swift, and React Native.
  - Unified Backend RestAPI:** Orchestrated a solution to employ a RestAPI across the diverse range of frontend versions, tackling the intricacies of maintaining a consistent data flow and an equally exceptional experience across platforms
  - Quality Assurance (QA) and Testing:** Championed a comprehensive testing suite adhering to Test Driven Development (TDD), achieving extensive code coverage through unit, functional, and UI tests. Prioritized manual testing to validate user experience and application reliability, ensuring a seamless integration of features across platforms.
  - Link:** <https://gitfront.io/r/iamsoren1/TbpzioKijiha/Messaging-Service/>
- Email System Web Application** Jul 2022  
*Tech Stack: React, Node.js, Express, PostgreSQL, Material UI, Jest*
  - Project Description:** Devised and launched a full-featured email system, addressing core communication needs by enabling users to send, receive, sort, and manage emails across multiple mailboxes significantly improving organizational efficiency and user adaptability.
  - Custom REST API Development and Integration:** Engineered and integrated a custom REST API to bridge frontend and backend functionalities, taking on the challenge of real-time data synchronization and user request handling. This strategic development streamlined operations, significantly reducing response times and elevating user experience by enabling efficient data retrieval and submission.
  - Quality Assurance (QA) and Testing:** Employed a Test Driven Development (TDD) approach with Jest to ensure comprehensive code coverage and flawless functionality, emphasizing robustness and reliability through extensive unit and integration testing.
  - Link:** <https://gitfront.io/r/iamsoren1/watXfvgyYEzr/Email-Service/>