Soren Larsen

Portfolio: http://www.larsensoren.com
Linkedin: https://www.linkedin.com/in/soren-larsen-46a57118b/

Email : iamsorenl@gmail.com
Mobile: 858-210-2261
Github: http://www.github.com/iamsorenl

EDUCATION

University of California Santa Cruz — Santa Cruz, CA
Bachelor of Science in Computer Science; GPA: 3.4 — *Sept. 2019 – June 2023*

EXPERIENCE

University of California Santa Cruz — Santa Cruz, CA
Product Owner - ParkMe Mobile App Project — *Jan 2023 - March 2023*

- **Product Ownership and Leadership**: - Championed cross-functional teams in adhering to Agile, Scrum, mock stakeholder meetings, standup meetings, and code reviews. - Systematically managed and steered the product roadmap, effectively prioritized key features, and drove the creation of thorough technical documentation. Excelled in resource allocation, streamlining team efficiency and project timelines.
- **Advanced Development Stack Mastery and Frontend Engineering**: - Mastered a sophisticated tech stack including Flutter, Node.js, TypeScript, TSOA, and PostgreSQL for robust mobile application development, ensuring high performance and scalability. - Spearheaded the configuration of a Google Cloud environment, seamlessly integrating APIs such as Google Maps to provide precise location services, significantly enhancing user engagement and app functionality.
- **Responsive Front-End Design**: - Constructed user interfaces focusing on responsive design, ensuring compatibility across various devices and screen sizes. - Elevated user experience by implementing intuitive navigation and interactive elements, adaptable to different user environments.
- **Complex Backend Development**: - Engineered and fine-tuned critical Backend routes to facilitate practical rental transactions, significantly improving process throughput and user transaction experience. - Worked closely with front-end developers to ensure API compatibility and efficient data exchange, strengthening the overall functionality of the application.
- **Link**: https://gitfront.io/r/iamsorenl/3GNVBXrchghV/ParkMe/

UCSC Baskin School of Engineering — Santa Cruz, CA
Peer Advisor — *Jul 2021 - Sep 2023*

- **Customer Service and Support**: - Provided indispensable front-line support to a diverse student population. - Assisted with class enrollment, graduation planning, petitions, and more.
- **Problem-Solving and Communication**: - Demonstrated strong problem-solving skills and knowledge of the engineering school. - Directed both students and visitors to appropriate school departments and faculty.
- **Resource Connection**: - Utilized excellent communication and interpersonal skills to affirm all were connected to the needed resources and support.

PROJECTS

- **Messaging Service Mobile Application**: Mar 2023 - Jun 2023
  - **Tech Stack**: Kotlin, Swift, React Native, Barista, Espresso, XCTest, Jest
  - **Project Description**: Developed a sophisticated Multiuser Messaging App, supporting diverse languages such as Kotlin, Swift, and React Native. Each iteration was meticulously formulated to leverage a consistent and sturdy Backend REST API, ensuring seamless functionality and cross-platform compatibility.
  - **Testing and Quality Assurance**: Executed intensive testing strategies encompassing unit, integration, and UI tests, using tools like Jest and XCTest. Prioritized debugging and code optimization to achieve high reliability and extensive code coverage, resulting in an exceptional and fluid user experience.
  - **Link**: https://gitfront.io/r/iamsorenl/TbpzioKijiha/Messaging-Service/
- **Email System Web Application**: Jul 2022
  - **Tech Stack**: React, Node.js, Express, PostgreSQL, Material UI
  - **Project Description**: Pioneered a dependable and all-embracing email system, featuring advanced functionalities such as email sending and receiving, and intuitive mailbox navigation including inbox, sent, and personalized mailboxes. Designed for optimal user engagement.
  - **Testing and Quality Assurance**: Conducted extensive testing using Jest to ensure system reliability and performance. Focused on comprehensive code coverage and methodical debugging processes to guarantee a seamless and user-friendly experience, addressing potential issues proactively.
  - **Link**: https://gitfront.io/r/iamsorenl/watXvfgwYEzr/Email-Service/

CERTIFICATIONS

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

TECHNICAL SKILLS

- **Languages:** Python, C/C++, Swift, Kotlin, Java, Javascript, Dart, Typescript, HTML, CSS, SQL, Haskell, Latex
- **Frameworks/Databases:** React, React Native, Flutter, Express.js, Node.js, Vue.js, PostgreSQL, Flask
- **Developer Tools:** Git/GitHub, Jira, Figma, Docker, Jest, Barista/Espresso, Postman, Google Cloud
- **Soft Skills:** Effective Communication Skills, Agile Adaptability, Collaborative Teamwork, Strategic Time Management, Rigorous Attention to Detail, User-Centric Customer Service, Leadership, Creativity, Empathy, Conflict Resolution, Resilience, Critical Thinking