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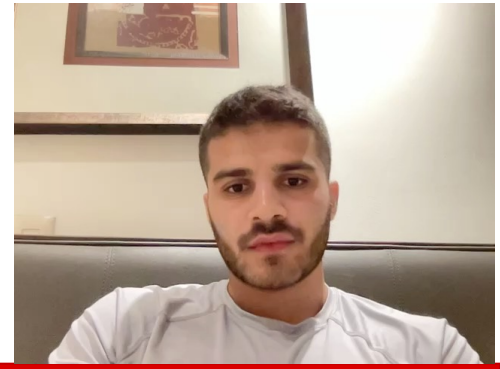
data science and machine learning



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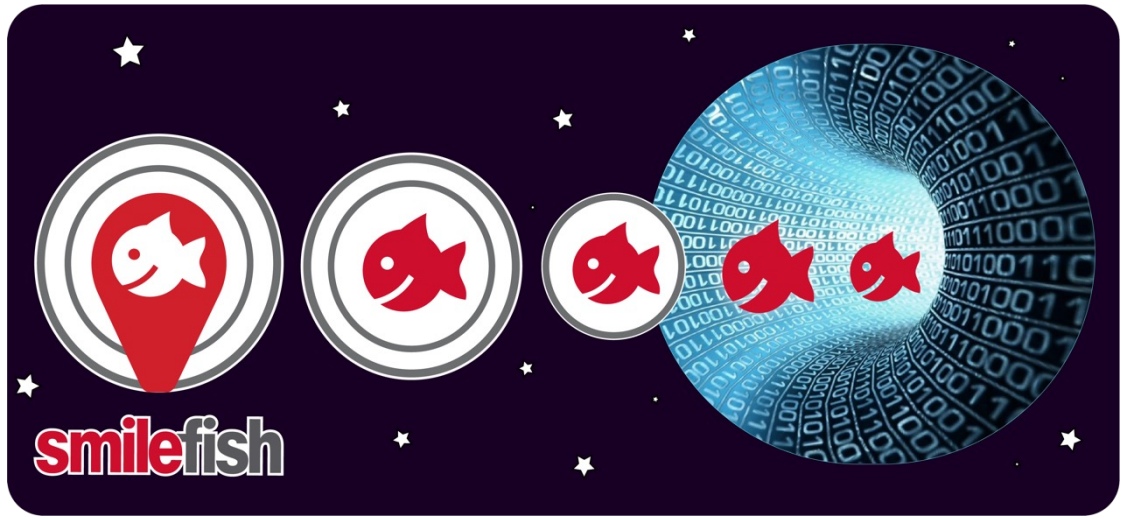
Single Source of Truth Data Fabric Solutions

We deliver trusted data



Smilefish is a custom software development company based in Newport Beach, California.

We have a passion for data science, machine learning, and advanced cloud computing.

We are dedicated to helping clients establish an effective **data culture** that turns their data into **trusted**, valuable and actionable assets.

Data trust is the first step toward any business intelligence, robotic automation, or machine learning endeavor.

We enable our clients to create **Single Source of Truth Data Fabrics** to provide access to the **right data** at the **right time** to the **right application**, **no matter where** that application runs **in a hybrid multi cloud.**

Good to know:

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Data Culture

Develop a shared understanding of your data assets, enable data-driven decision making, and ensure compliant data access and distribution.

Data Trust

Ensure your business operates on trustworthy data, document data lineage, create a single source of truth, address obstacles to trusted data

Data Agility

Fulfill your data requirements swiftly and at scale, deliver appropriate data to relevant applications reg the underlyi infrastruc

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Data Fabric Architecture

Data Applications
- AI, ML, consumer applications with trusted data
- Self-service analytics(Tableau, PowerBI, Looker), dashboards and reports

Unified Capabilities
- Consistent operational API. Monitor access, reliability, utilization, payment
- De-personalize, de-duplicate, randomize, stitch, lineage, quality metrics

Data As a Product
- Consistent sets of relevant, trusted, and actionable data
- Discoverable formats, schemata, and policies.

Metadata Intelligence
- Make data relevant and actionable
- Validate, attribute, annotate, identify features and labels

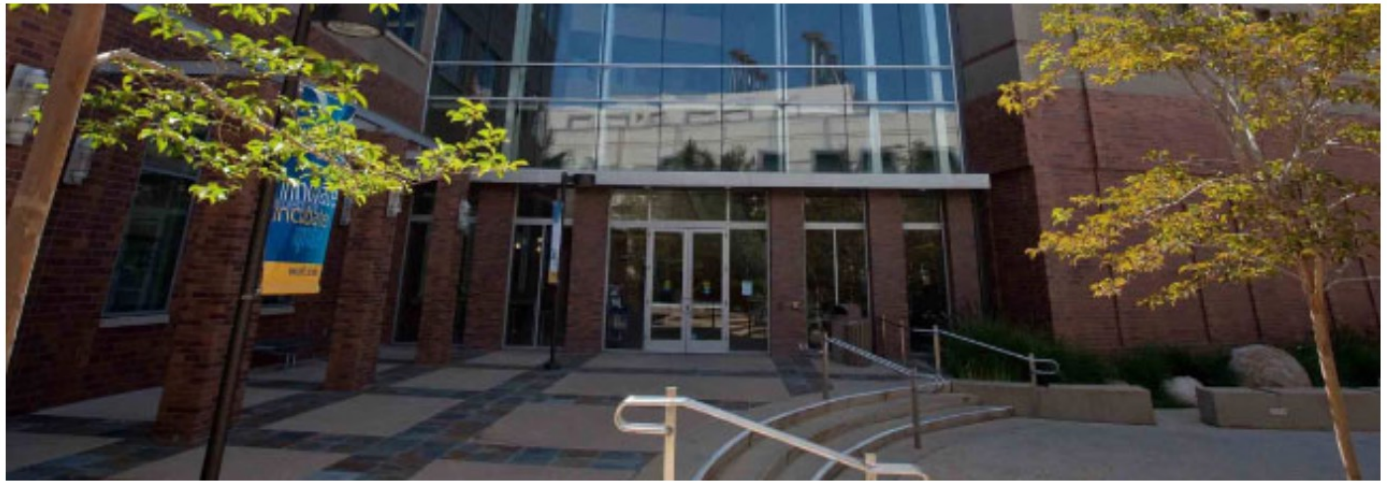
Universal Connector Architecture
- 100+ integration blocks, homogeneous access, interop
- Data from anywhere to anywhere, API, ETL, ELT, Data a

Hybrid Multi Cloud
- Timely trusted access, pipeline performance, data virtu
- Combine data lake and warehouse, optimize storage a

JUST KEEP CODING

Full Stack Development

UCI CALIT2 | California Institute for Telecommunications and Information Technology



CALIT2 | Make a Difference Opportunity (MADO) program

The Make a Difference Opportunity (MADO) program provides a unique opportunity for full-time undergraduate and graduate UCI students to gain first-hand experience on a project in the workplace by matching students up with a short term (5 months – winter and spring quarters) project in a local business.

The goals of this program are:

- To make a difference for the student and business
- In turn, to give the student an opportunity to make a difference and transition to the job market
- To allow local businesses to participate in workforce development
- To create opportunities/projects that have some societal impact
- As a minority-serving institution, the MADO program aims to support UCI's goals and objectives of diversity, equity and inclusion.

Together we can all build a robust workforce to meet the needs of our regional businesses.

- Agenda
  - Duration: January to May
  - React Native course at Udemy
  - My assignment:
    - SeaNet application
  - Project Deliverables
    - Integrated in the monthly QA and Deployment Cycle with Seanet
  - AWS Certification / Accreditation
  - Takeaways

Udemy

Development > Mobile Development > React Native

The Complete React Native + Hooks Course

Understand React Native with Hooks, Context, and React Navigation.

4.6 ★★★★½ (42,976 ratings) 181,404 students

Created by Stephen Grider

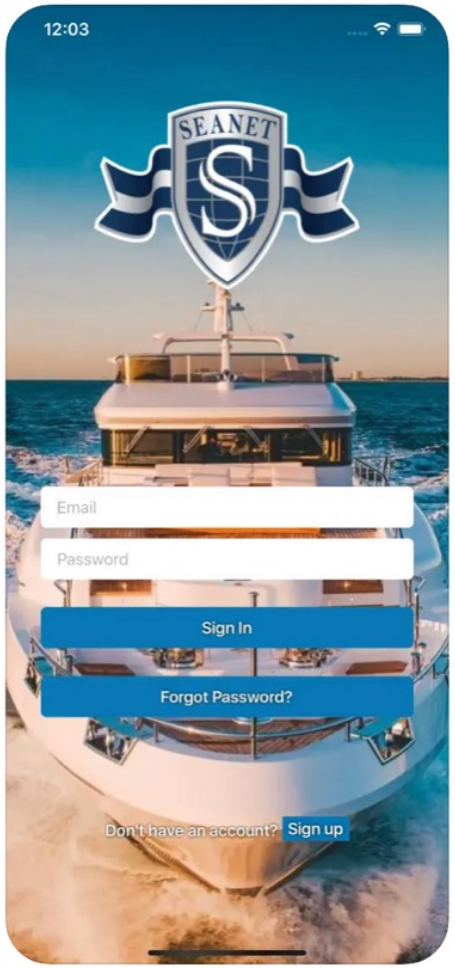
Last updated 4/2023 English English [CC], Arabic [Auto], 14 more

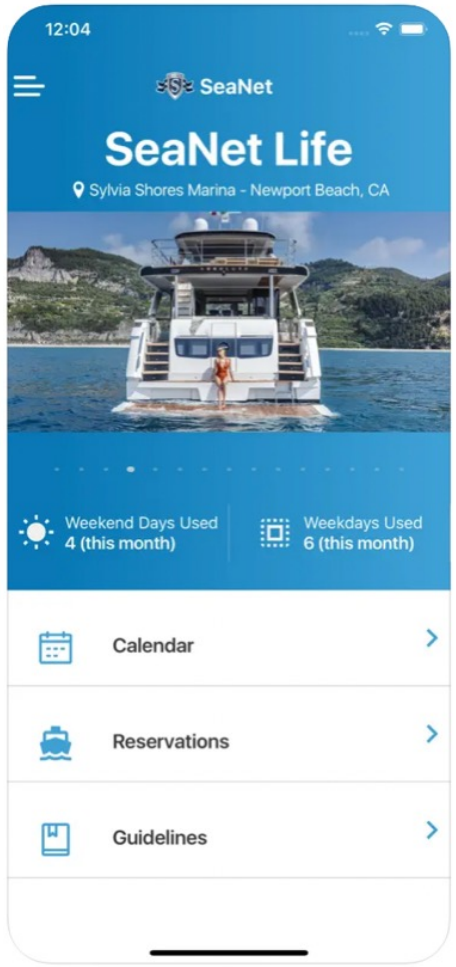
What you'll learn

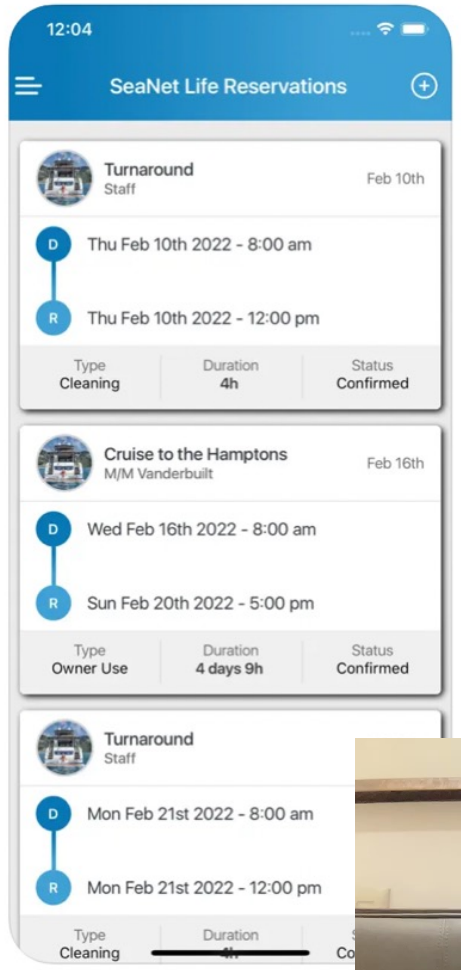
- ✓ Create real-world native apps using React Native
- ✓ Understand the terminology and concepts of Redux
- ✓ Get up to speed with React design principles and methodologies
- ✓ Make truly reusable components that look great
- ✓ Prototype and deploy your own applications to the Apple and Google Play Stores
- ✓ Discover mobile design patterns used by experienced engineers

SeaNet Project

- www.seanet.com
- https://www.smilefish.com/blog-cs-SeaNet.html







Benefits of Earning AWS Partner Accreditations

Build foundational AWS Cloud skills and knowledge

AWS Partner Accreditation courses can help you grow professionally by gaining foundational knowledge upon which you can further build your business or technical expertise.

Increase your credibility

Earned AWS Partner Accreditations can help you have more prescriptive conversations with customers in the field and provide prospective customers with your AWS Cloud skills and expertise.

AWS Certification

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Accreditation Courses

Earning your AWS Partner Accreditation is a great first step toward establishing yourself as a leader in your organization. We highly recommend you earn all three available accreditations to establish a strong foundation for your AWS-based practices and prepare for new customer opportunities.

AWS Partner: Sales Accreditation (Business)

The course provides best practices for co-selling with AWS, including a framework, tools, and funding benefits for AWS Partners. Learn what drives customer cloud adoption and how to overcome common customer objections. Understand the business value of cloud and what set AWS apart.

This course replaces AWS Partner: Accreditation (Business).

Digital | 2.25 hours
Classroom | 6 hours

AWS Partner: Accreditation (Technical)

This course provides AWS Partners with fundamental, technical knowledge of AWS cloud computing, global infrastructure, services, common solutions, migration, security, and compliance.

Classroom | 1 day
Digital | 4 hours

AWS Partner: Cloud Economics Accreditation

This course introduces partners to the benefits of migrating their customers to the AWS Cloud. Partners will learn about cost savings and data center economics in relation to cloud computing.

Digital | 2.5 hours
Classroom | 1 day

Thank you!

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CEO

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