David Scholer

Senior Software Engineer (Full-Stack and Embedded Systems)

Specialization In React Based Front-End Systems

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Highlights

- System Design
- API Integration
- AWS Certified
- CI/CD
- UI/UX Design
- AI Integration
- Native Mobile Development
- SEO
- Authentication
- Project Management
- Automation Testing
- Network Security
- Graphic Design
- Version Control
- Caching
- Linting
- Bundling
- Containers

About Me

With experience from development to the release pipeline and everywhere in between, I am tried and true. I am a scalpel on the front end, creating manageable, bug-free, and tested front-end systems built to scale. I have built numerous start ups as well as software for a Fortune-500 company with excellent QA reviews. I am a believer in a growth mindset, open communication, and a hard days work.

Recent Work Experience

PipaBroker LLC — Principal Engineer
2025 - Present

- **Project Creation**
  I was hired for this project to take a very basic MVP and transform it into a production ready, scalable, enterprise system. The project is up and running with new clients being signed regularly.
- **AI Integration**
  Custom built AI integration using a microservice architecture including AWS Lex, AWS Bedrock, and Claude.
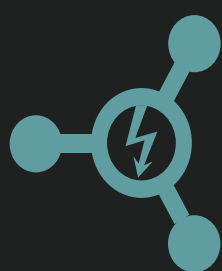- **4 Clients and counting**
  Pipa has contracts with 4 clients and counting where we implement their APIs into our system.
- **SEO**
  This project is structured for SEO optimization utilizing Core Web Vitals, quality backlinks, site navigation, descriptive URLs, aria-labeling, and strategic use of internal linking.

SocketShock LLC — Founder
2024 - Present

- **APIs**
  Over 100 APIs written using OpenAPI Specification standards to seemlessly integrate with front-end caching libraries.
- **SDKs**
  Creation of SDKs to assist in writing mobile, web, and back-end services for reliable integration.
- **End-to-end Deployment**
  Designed, programmed, and deployed tooling, services, and end-to-end full stack applications for clients and personal monetary gain.
- **Automation**
  Creation of a suite of shell and python scripts to autonomize redundant steps in the deployment process of mobile applications.

Nimbio Labs — Software Engineer II
2022 - 2024

- **Site Reliability Engineer**
  One of my main jobs at Nimbio was the primary site reliability engineer where I created new features, fixed and refactored existing bugs, and modernized the codebase updating the framework and all dependencies.
- **Mobile Hardware Integration**
  Along with helping updating and maintaining our mobile app (React-Native), I wrote custom bridge modules to connect our React Native application with native device hardware (iOS, Android).
- **Cross company APIs**
  One of my primary duties was working with other companies to build and integrate APIs to connect their services and products with ours. The two most prominent companies I worked alongside with were UPS and Alfred Inc.
- **Production Software For a Fortune 500 Company (UPS)**
  I had the opportunity at Nimbio to build an app for UPS with near perfect QA reviews. UPS drivers in New York City still use it daily saving them up to hours a day.

Agora — Full-Stack Developer
2022

- **E-commerce Web Application**
  Agora was a startup where I was the first hired employee. The first stage was building the web app which was similar to Etsy for festival attire and accessories.
- **Payment System**
  At Agora, I implemented the payment API using Stripe.
- **Shipment API**
  I worked with the team at 2Ship to implement their API into our system. Agora was a Canada based company so this was a little more involved as we had to deal with international shipping.

Comprehensive Programming Skills

Fundamental Concepts
- Linux
- Design Patterns
- Data Structures
- Common Algorithms
- Networking
- System Architecture

Deployment and CI/CD
- Git
- Docker
- Project Management
- Github Actions
- Ansible
- Github Actions
- Nginx

Languages
- Typescript/Javascript
- Python
- Bash
- Java
- HTML
- CSS
- SQL
- Objective-C
- YAML
- XML
- C
- Kotlin
- Swift

Testing Frameworks
- Jest
- React Testing Library
- Storybook
- Playwright
- Selenium
- Puppeteer
- Pytest
- Mocha
- Cypress

CDNs & Microservices
- AWS
- Cloudflare
- Heroku
- Google Cloud
- On-prem

Databases
- PostgreSQL
- MySQL
- SQLite
- Psycopg
- SQLAlchemy
- DjangoORM
- MongoDB
- Prisma

Education

Seattle Central College
Associate of Science
Dean's List
Robotics Club
2008 - 2017

University of Washington
Electrical Engineering
Incomplete
2017 - 2018

North Seattle College
Computer Science
Full Stack Developer
Certification
2018