

# Serge Plaski

## Front End Engineer

Jacksonville, FL • (904) 415-9343 • [splaski@gmail.com](mailto:splaski@gmail.com) • [plaski.com](http://plaski.com) • [linkedin.com/in/sergeplaski](https://linkedin.com/in/sergeplaski)

---

### EXECUTIVE SUMMARY

Front-End Engineer with over 15 years of overall IT industry experience, with the last six years focusing on developing enterprise solutions and web applications using **React, Next.js, TypeScript, JavaScript, and Node.js**.

Certified Google Associate Cloud Engineer.

### SKILL SET

React, Next.js, TypeScript, JavaScript ES6+, React Hooks, React Router, React Query, React Hook Form, Redux, Zustand, Tailwind CSS, HTML5, Node.js, Express.js, RESTful API, Firebase, SQL, MongoDB, Git, GitHub, Vite, Webpack, npm, Babel, Jest, Vitest, React Testing Library, Google Cloud, Cloud Functions, GCP, Microservices, OOP, SDLC, Agile Scrum.

### EMPLOYMENT SUMMARY

#### SR. REACT DEVELOPER / CLOUD ENGINEER

[SOWADEV](#) | Jacksonville, FL (Remote) | May 2019 – present

SOWADEV is a software development agency specializing in web applications and mobile development, cloud technology, and e-commerce solutions for corporate clients.

- Redesigned MAXIMA grocery chain's intranet site (supply chain and problem handling flow) transitioning from legacy codebase to Next.js server components and React frontend. Created custom hooks, components, and API libraries.
- Collaborated with the MAXIMA back-end team to optimize communication between the front-end and API for handling product delivery and warehouse stock update transactions. This addressed the long-standing problem with data sync delays, added real-time delivery updates, and reduced the response time for the most critical requests 5X-6X.
- Handled migration of the MAXIMA intranet services for handling supply chain data uploads and reporting to the serverless platform (GCP Pub/Sub and Cloud Functions), achieving 99.99% uptime and improved scalability.
- Led a cross-functional team of developers, designers, and UX experts to design, prototype, and deliver proof of concept for IWWI B2B platform front-end and service dashboards – while actively contributing to day-to-day programming and architectural tasks (Next.js, React, Tailwind CSS, Figma).
- Implemented modular architecture for reusable components, custom hooks, and utility libraries for MAXIMA, IWWI, and Eco Spirits projects, accelerating development time and improving code maintainability and accessibility.
- Developed the new SOWADEV website, quadrupling load speed and cutting asset size by six times.
- Assisted the Project Manager in implementing Agile Scrum practices and procedures, boosting team productivity and reducing the project development cycle by 20%.

#### FRONT END ENGINEER

[ROBERT HALF](#) | Jacksonville, FL | March 2019 – May 2019

Handled the development for two consumer mortgage projects: [Fiber Mortgage](#) and [Baseline Reverse](#).

- Upgraded Fiber Mortgage's codebase from legacy code to React, which improved modularity and maintainability.
- Conducted thorough unit- and integration testing and debugging of mortgage calculator components, resolved critical bugs, ensuring reliability and leading to substantial improvements in application accuracy.
- Prototyped and developed a reusable front-end service template for Baseline Reverse SaaS product used by mortgage service providers (React, Redux, and Material UI)
- Implemented a dynamic address lookup feature for loan officers, integrating Google Geocoding API and an AWS microservice, which streamlined the application process and reduced data entry errors.
- Added new features for the internal web app used by loan officers at Fiber Mortgage: new account dashboard, local agents' list, lead tracking, sign-up and login functionality, and customer application form validation.

#### REACT DEVELOPER

[SCRUM ALLIANCE](#) | Jacksonville, FL (Remote) | November 2018 – March 2019

Scrum Smart product enabled Scrum Masters to evaluate organizational agile adoption, plan the transition, and identify the areas for improvement.

- Engineered a dynamic user interface for the Scrum Smart product, enhancing user engagement and streamlining the evaluation process for Scrum Masters.
- Implemented modular architecture for reusable components, accelerating development time and improving code maintainability (React, Redux, Thunk Middleware, JS, axios, Formik, Lodash)
- Developed React components for user authentication (Google OAuth, JWT), simplifying the registration and login.
- Conducted thorough testing and debugging, ensuring a seamless user experience and reducing error rates.
- Built and delivered a [fully functional product demo](#) (React, React Router 6).

## **SENIOR APPLICATION DEVELOPER / ANALYST**

[US ASSURE](#) | Jacksonville, FL | January 2012 – June 2016

US Assure is the national leader in Builders Risk commercial insurance.

- Conducted thorough data analysis and led the migration of the legacy policy management system's key components to the new web application platform as part of a company-wide initiative to migrate to Microsoft Enterprise technology stack, significantly improving operational efficiency and user experience across the organization.
- Developed automated solutions for state-specific compliance forms selection, ensuring adherence to regulatory standards and reducing manual errors by 35%.
- Implemented comprehensive unit and integration tests, attaining 90% test coverage and substantially improving the reliability of application components.
- Teamed up with AS400 analysts and BI team to integrate policy submissions workflow into the new platform, facilitating smoother transitions and improving data accuracy.

## **APPLICATION DEVELOPER**

[ZURICH INSURANCE SERVICES](#) | Jacksonville, FL | May 2007 – January 2012

ZIS was a subsidiary of Zurich Insurance, N.A., handling policy administration, underwriting support, and IT services.

- Led development and support of the business-critical application for handling policy application submissions and document workflow for policy servicing on Lotus Notes platform; successfully implemented and deployed two major releases to production and obtained recognition as a subject matter expert within the company.
- Upgraded the document management system by implementing new features, such as automatic processing of incoming emails and data from external feeds, automated attachment extraction, deduplication, and filing by line of business and policy type. This resulted in high user adoption and efficiency, with a consistent level of user satisfaction of 96-98%.

## **APPLICATION DEVELOPER**

[ROYAL CARIBBEAN GROUP](#) | Miramar, FL | August 2004 – May 2007

- Responsible for developing custom in-house applications: CRM tool for travel agency requests, logging and handling supply chain issues and complaints, Onboard Crew Standards & Procedures Manual (CSS, JS/AJAX, REST API).
- Achieved management's recognition for enhancing operational efficiency and data accessibility.

## **EDUCATION**

### **BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING**

[NEW YORK UNIVERSITY – POLYTECHNIC SCHOOL OF ENGINEERING](#) | Brooklyn, NY

## **TRAINING AND CERTIFICATES**

### **CERTIFIED GOOGLE ASSOCIATE CLOUD ENGINEER**

[GOOGLE CLOUD SKILLS BOOST CERTIFICATION TRAINING PROGRAM](#) | November 2022 – March 2023

- Comprehensive 180+ hours Google training program with hands-on labs on Google Cloud infrastructure, cloud storage, serverless applications, networking, and cloud security. Achieved proficiency in deployment, operations, load balancing, and application scaling with Docker and Kubernetes.
- Passed the Google Cloud Associate Engineer exam and earned [official Google certification](#).

### **FULL-STACK REACT/NODE.JS DEVELOPER**

[GOIT WEB DEVELOPMENT TRAINING PROGRAM](#) | April 2018 – September 2018

- Intensive four-month bootcamp with advanced topics on JavaScript (ES6+), React, Redux, Node.js, Express.js.