

Steven Jannette

Senior Full Stack Engineer

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Technical Skills

Strong knowledge of object-oriented programming in JavaScript/TypeScript, Python, C#, Java.

Expert in scalable microservice architecture with Node.js, Spring, .Net; DB integration using PostgreSQL, MySQL, Mongo, Redis, Firebase.

Advanced React, Nextjs, and Angular UI dev, with Styled-Components, Tailwind, Material UI for sleek intuitive components.

Expert devops deploying to AWS EC2 and serverless ECR/ECS; Linux/NGINX; Github/Github Actions, Jenkins CI/CD; New Relic observability and logging.

Work Experience

Senior Software Engineer, Legalshield.com - June, 2022 - present

Full stack engineer, *Shield@Work*, Legalshield's core apps linking law firms and clients.

Business Milestones: *Shield@Work* laid the foundation for the first two consecutive > \$100m sales years, and new b2b products with 27% greater profitability over legacy.

Technical Contributions:

- Developing C#/.Net microservices, deploying to AWS EC2 load-balanced scaling groups.
- Building UI components with React/Node.js/Typescript, and brand marketing sites in React/Next.js for optimal SEO, deploying with dockerized AWS ECS/ECR instances.
- Implementing serverless infra, such as lambdas for data processing, *i.e.* parsing UI input for storage to S3 Buckets.
- Developing Github/Github Actions CI/CD for rapid deployment cycles including automated testing with Jest, Cypress, NUnit.
- Monitoring performance, including w/New Relic observability; implementing optimization strategies.

Software Engineer III, Ford Motor Co. - January, 2020- May, 2022

Full-stack engineer/analytics team lead for the group that designed, developed and launched the Ford Global Vehicle Trade-In App.

Business Milestones: App achieved 99.98% user adoption by second quarter of release, rolled out to 16 global markets and fueled +26.8% 2021 sales growth vs. -3% overall industry decline.

Technical Contributions:

- Developed responsive, conditionally adaptive Typescript/React components to comply with varying legal/regulatory requirements and utilize languages of three continents.

- Built server-rendered new vehicle launch sites using Next.js for high-octane SEO results.
- Designed a custom-hook state management solution only months after React v16.8 introduced hooks, for turbocharged UI performance.
- Wrote backend Java/Spring REST services for third-party API calls (Carfax , J.D. Power Assoc., RouteOne) for vehicle condition verification and appraisal.
- Integrated MySQL relational db query models.

Microservices Engineer, Phonecheck - April, 2017 - January, 2020

Built microservices at award-winning mobile-device SaaS; managed offshore developer team.

Business Milestones: Co-wrote core microservices that dialed Phonecheck into *FastCompany* magazine's list: "[10 most innovative companies](#)". Resulting partnerships include Amazon, Backmarket, eBay, Apple for the device-certification SaaS.

Technical Contributions:

- Wrote JS/Node IMEI Controller, handling ~11,000 peak requests/sec for device verification via JSON IMEI (device Id) metadata.
- Developed Angular UI for customer interface panels.
- Designed/deployed async Node arch with pub/sub job que; REST API calls to mobile carriers (AT&T, T-Mobile) for device history data.
- Implemented MySQL storage integration and services generating the primary Phonecheck product – the guaranteed device history report.

Software Developer, Cengage Group - January, 2016 - March, 2017

Node.js backend developer for a team tasked with deprecating legacy access management API utilizing Cassandra DB cluster, in favor of Redis/AWS cloud solution.

- Built Typescript/Node.js/Redis access policy datastore hosted via AWS EC2 instances in an Autoscaling Group (ASG), capable of resilient processing of > 9,000 peak requests/second.
- Configured launch templates for on-demand EC2 instances to increase throughput capacity during peak request times, and implemented, monitored ALB rules routing to target EC2 groups.
- Monitored session store http transaction throughput health and performance.

Software Developer/System Architect, Sjdev.co - February, 2015 - December, 2015

- Developed software, infrastructure for enterprise clients, *i.e.*, implemented a Net/SQLite cash flow management app for luxury builder Heritage Homes, Developed .Net admin site, ASP.Net server for a financial planning firm.

Education

Rutgers University School of Law – Camden, New Jersey. J.D., May, 2005.

Academics: 3.35 GPA *Awards:* Dean's Fund Academic Scholarship Award; First Year *Cum Laude*.

Michigan State University – East Lansing, Michigan. B.S., Telecommunications August, 1999.