

Antonio Essex-Lettieri (He/Him) / UI Engineer, Illuminating Futures, Empowering Teams.  
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## Experience

### Telemetry Finance

#### Founding Engineer

**Oct 2021 - Present**

- Designed, architected, and contributed to the development of financial model tracking and reporting system using TypeScript, Next.js, React, Material UI, and Python.
- Contributed significantly to the development of our financial tooling add-ons for Excel and Sheets, using React, Lit HTML, and TypeScript.
- Instilled a culture of robust testing, with 90% code coverage using Cypress for integration tests and jest for unit tests.
- Implemented a contextual AI chat assistant component, allowing our customers to effortlessly access relevant financial information.
- Collaborated closely with the product team, making strategic decisions for incremental value delivery under resource constraints.
- Hired, led, and mentored a team of frontend engineers.

### Scoop Technologies

#### Senior Engineering Manager

**Jul 2020 - Oct 2021**

- Led the implementation of critical features for Scoop's new suite of products, leveraging technologies such as React, ReachRouter, Bootstrap, and TypeScript.
- Distributed time between code and architectural reviews of the frontend code base.
- Worked closely with the C-suite and product teams to ensure the company's successful pivot instigated by market changes during COVID; oversaw the rapid development of a new product.

#### Engineering Manager

**Jul 2019 - Jul 2020**

- Contributed to refactoring and re-architecting a core section of our frontend application to help improve the user experience and performance of the application using React, ReachRouter, Bootstrap, and TypeScript, improving the time to load from 5s to 300ms.
- Innovated and architected a browser extension that gave our product team the ability to monitor analytic events triggered by our applications and enabled quality assurance, using Svelte and TypeScript.
- Spearheaded optimization efforts to enhance the efficiency of the CI/CD pipeline, resulting in a significant reduction in test execution time from 20 minutes to 6 minutes.

## **HouseCanary**

### **Engineering Manager**

**Mar 2017 - Jul 2019**

- Designed and reviewed the architecture of our software products across engineering teams, involving backend, Data, and DevOps.
- Hired, managed, and mentored a team of six engineers to build a B2B suite of products, unlocking a revenue stream for the business of over \$5m / year.
- Ideated and worked closely with the product team to create new business opportunities for the company.

### **Principal Software Engineer**

**Aug 2016 - Mar 2017**

- Architected, designed, and led the development of a UI Design System, using React, Babel, and CSS Modules.
- Enhanced CI/CD with AWS and Docker containers, cutting build times by 50% and enabling easy deployment reversions.
- Mentored engineers into leadership roles across the engineering organization.

### **Senior Software Engineer**

**Aug 2015 - Aug 2016**

- Top code contributor to our Appraiser product, a tool to quickly assess home value, using Angular, React, and CSS Modules.
- Took dynamic backend-driven layout UI engine from prototype to production, using Django and Javascript.
- Implemented opinionated code linters and formatters to improve developer focus and productivity.

## **Goodwin Procter**

### **Senior Web Developer**

**Apr 2014 - Jul 2015**

- Built software solutions for the company, using ASP.NET MVC, Javascript, SQL, and SharePoint.
- Built an internal, custom solution for the company finance department and transitioned a legacy finance system to a web-based system; led to a 6x improvement in processing and closing monthly financials for the company.

## **Lettieri Web Design**

### **Owner / Principal Consultant**

**Jan 2009 - Apr 2014**

- Worked on various contracts including business websites, humanitarian crisis platforms, and security projects for government agencies, using Javascript, jQuery, Node.js, PHP, WordPress, CSS, and HTML.

## **Goodwin Procter**

### **Senior Web Developer**

**Aug 2009 - Jan 2011**

- Implemented the company's first design system to be used across our suite of products, using ASP.NET, HTML, CSS, and Javascript.

### **Web Developer**

**Oct 2006 - Aug 2009**

- Worked across multiple projects and products, using ASP.NET Forms, HTML, Javascript, Microsoft SQL, and SharePoint.

## **Education**

**University of West Florida - (B.S), Computer Information Systems**

**2003 - 2006**

**University of Maryland Europe - A.S, Computer Studies**

**2000 - 2003**

## **Technologies and Languages**

- Technical: TypeScript • Javascript • React • Next.js • Node.js • Django • Python • CSS • HTML • AWS • Git • Docker
- Testing: Cypress • Jest
- Agile Tools: Jira • Asana