Paul Andrew Pladziewicz II

Fremont, MI | ppladziewicz@gmail.com | (312) 608-7526 | paulpladziewicz.com

linkedin.com/in/paulpladziewicz | github.com/paulpladziewicz

Key Achievements

- Key contributor to the Multi-factor Login Journey rollout at E*TRADE, building core React UI flows, coordinating incremental deployment across 100+ legacy pages, and validating production rollout via log analysis — resulting in $7M+ in annual fraud savings
- Designed and implemented a new Mid-Session MFA Journey for E*TRADE to secure high-risk activities across Angular, React, and legacy pages — closing fraud gaps and protecting sensitive transactions
- Onboarded 2 external teams into the Authentication group following Morgan Stanley's acquisition of E*TRADE, accelerating ramp-up across frontend and backend systems by guiding engineers on tech stack, repositories, and pipelines
- Led the Web Engineering practice at InRhythm (20+ engineers), elevating hiring standards through 75+ technical interviews and advancing team expertise with 9 technical presentations

Experience

Senior Software Engineer, Symphono (consulting via Swoon) – Chicago, IL Apr 2025 – Present

- Greenfield full-stack development of a new analytics platform for an independent energy distributor, enabling analysts to review market activity, transaction statements, and operational reports
- Building a complex Angular UI with advanced table functionality to handle large-scale transactional and market data, including forms and API integrations that enable business users to update and manage system records
- Designed and implemented REST APIs in Java with Spring Boot, modernizing legacy data services and enabling business users to take key actions through the new Angular UI
- Modeled and queried datasets in MongoDB, contributing to performant data aggregation and integration across the new system

InRhythm – New York, NY Oct 2021 – Apr 2025

*Consulting at E*TRADE / Morgan Stanley*

Lead Software Engineer Jan 2025 – Apr 2025

- Designed and delivered a new mid-session MFA journey as a reusable React web component, securing high-risk activities across Angular, React, and legacy pages
- Partnered with backend teams to integrate with new authentication services (Java, ForgeRock Authentication Manager), ensuring consistent enforcement across the platform
- Coordinated with multiple consuming teams to drive adoption, authoring design documentation and providing integration guidance that accelerated rollout company-wide

Senior Software Engineer Jan 2023 – Dec 2024

- Key contributor to the firm-wide Multi-factor Login Journey rollout, modernizing authentication from legacy session-based login to React-based flows with ForgeRock Authentication Manager, deprecating 100+ pages tied to the old login flow, and delivering $7M+ in annual fraud savings
- Ensured stability during authentication migrations by validating MFA Login rollouts and diagnosing production issues through Kibana log analysis
- Maintained and enhanced Morgan Stanley's Angular-based login flows, fixing defects and delivering incremental improvements during the firm's consolidation into E*TRADE's infrastructure
- Built and reworked multiple post-login interstitial pages with React, with Java-based logic to determine conditional user flows
- Delivered and protected single-page applications via Java with Spring, which included configuration to onboard new SPAs and enforce feature access rules based on user profiles
- Mentored engineers and shaped InRhythm's growth by conducting 75+ technical interviews and delivering 9

technical presentations

Software Engineer   Oct 2021 – Dec 2022
- Built new frontend authentication features in React — including login, two-factor authentication, user settings, and single sign-on
- Enhanced and maintained E*TRADE's legacy login flow and security settings pages in Java 8 using an internal framework and a custom templating engine, ensuring stability during the multi-factor authentication transition
- Awarded the **InRhythm Champion Award** for outstanding technical contributions and team impact

Associate Software Engineer, Kyros Digital – Grand Rapids, MI   Feb 2021 – Sep 2021
- Built and enhanced features for a custom ERP platform used by real estate agents, modernizing workflows and improving usability (React, Node.js, Meteor.js, MongoDB)
- Upgraded Gordon Food Service's Drupal-based marketing platform from version 8 to 9, adding new content publishing capabilities and resolving production defects (PHP, MySQL, JavaScript)
- Delivered impactful technical presentations on Tailwind CSS and ESLint, which were adopted at Kyros Digital and significantly improved code quality

Web Developer - Internship, Lucas Howard Group – Grand Rapids, MI   Dec 2020 – May 2021
- Revamped the web presence for the "Top Realtor in Grand Rapids," significantly boosting their online visibility and client engagement
- Utilized Adobe XD to conceptualize and design a modern, user-friendly website design
- Translated the design into a live website by developing a custom-built WordPress theme (HTML, CSS, JavaScript, PHP, MySQL)

Software Engineer – Independent Consultant   Jun 2018 – Dec 2020
Clients: Trinity Fellowship Evangelical Free Church, Dr. Paul the Dentist, Jawor Machine Co. – Fremont, MI
- Developed a touch-enabled kiosk application to display missionaries on an interactive map (OpenLayers), with an accompanying admin dashboard for managing missionary data, built with React/Redux and a serverless AWS backend (Lambda, DynamoDB, API Gateway, CloudFront, S3)
- Built an embedded React widget that integrated with the Church Community Builder API to display church event data in an interactive, user-friendly format, improving the visibility of community activities
- Created an emulated chatbot widget to handle common questions and direct users to key resources, boosting user engagement (React)
- Delivered and deployed modern landing pages on AWS for a dentist and tool & die shop (CloudFront, S3, API Gateway, Lambda, SES)

Core Technical Skills

- **Frontend (JavaScript, TypeScript):** React, Angular, Web Components, Next.js, Astro
- **Backend (Java, Node.js):** Spring Framework, Koa.js (familiar with Express.js)
- **Databases (SQL & NoSQL):** MongoDB, MySQL, Redis
- **Messaging/Streaming:** Kafka
- **Observability:** Kibana (log querying and analysis)
- **Identity & Access Management:** ForgeRock Access Management (now PingAM)
- **Cloud (AWS):** CloudFront, S3, Route 53, EC2, ELB, API Gateway, Lambda, DynamoDB, SES, CDK, CloudFormation
- **DevOps:** Docker, Kubernetes, CI/CD pipelines, Linux, Bash

Education

- **Master of Business Administration** *Sep 2015 - May 2017*
  Cornerstone University, Grand Rapids, MI
- **Bachelor of Science, Fire Science** *Sep 2009 - May 2013*
  Lake Superior State University, Sault Sainte Marie, MI
- **Associate of Applied Science, Paramedic Technology** *Sep 2009 - May 2013*
  Lake Superior State University, Sault Sainte Marie, MI

Certifications

- **AWS Certified Developer - Associate** *2021, 2025*
  Amazon Web Services (AWS) - 9L8K78LBCJRQQ9GS