

Vlad Chilom

Experience

Senior Software Engineer - Customer Authentication Platform

Started 08/2021

Wayfair — Boston, MA

- Works as a Back End Engineer (.NET, PHP, MSSQL) and Tech Lead to manage authentication and authorization for customers and API clients
- Owns technical roadmap and vision for a four-person engineering team and collaborates with product, design, and analytics to set biannual objectives and goals
- Architected and implemented the identity propagation system that provides end user identity information to microservices across Wayfair
- Created a performant token cache system—that scaled to issue over 2 billion tokens per day—in order to enable 30+ services to decouple from a monolithic codebase

Software Engineer II - Customer Authentication Platform

08/2019 to 08/2021

Wayfair — Boston, MA

- Worked as a Back End Engineer (.NET, PHP, MSSQL) to manage authentication and authorization for customers and API clients
- Helped architect and implement an OAuth2 and OIDC compliant authentication and authorization server that has scaled from issuing 300,000 tokens to over 3 million tokens per day
- Created and launched a biometric login (WebAuthn) experience that significantly increased overall login success rate

Software Engineer I - Storefront Login & Authentication

09/2018 to 08/2019

Wayfair — Boston, MA

- Worked as a Full Stack Engineer (PHP, JavaScript, MSSQL) to manage customer authentication and authorization on wayfair.com
- Fixed bugs, deployed small features, and added business tracking to a login page that handles 250,000+ logins per day
- Exponentially increased our monitoring coverage by introducing multiple health and application dashboards using InfluxDB, Grafana, Kibana, and Datadog

Software Engineer Intern - Core Product Experience

06/2017 to 08/2017

HubSpot — Cambridge, MA

- Worked as a Front End Engineer (React, Redux) to create a new user permission approval system that reduced the average wait time for approval from several hours to a few minutes
- Refactored portions of the user permission tool in order to remove thousands of lines of code

Software Engineer Intern

05/2015 to 09/2016

TCN Inc. — St. George, UT

- Worked as a Full Stack Engineer (JavaScript, Node) to help design and implement the new backend systems for OAuth authentication, authorization, and user permissions
- Created a new user management database and interface using Node and MongoDB

Technical Skills

- Highly skilled in C#, PHP
- Proficient in JavaScript, SQL, Java, Python
- Frameworks/libraries/tools: MSSQL, .NET, Kubernetes, Docker, Helm
- Frameworks/libraries/tools: NPM, Node, Express, React, Redux

Education

Bachelor of Science, Computer Science

08/2014 to 05/2018

Boston College — Chestnut Hill, MA

- GPA 3.579