Andrei Secareanu - **Senior Software Engineer**

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***Expert in Web Development - 10+ Years of Experience***

Full Stack Developer with expertise in **React**, **NextJs**, **Angular,** **Node.js, NestJs**, and **MySQL**, experienced in building dynamic and scalable web applications. On the front end, I develop responsive and interactive user interfaces using Angular or **React**, while on the back end, I implement robust server-side logic and **RESTful APIs** with **GraphQL** and **Node.js**. I also manage databases with **Supabase ORM** and **MySQL**, ensuring efficient data handling and integration. My work focuses on optimizing performance and delivering comprehensive solutions across both client-side and server-side development.

**Professional Experience**

**Senior Software Engineer - Contract - Reservino –** December 2024 - Current

I designed, developed, and deployed complex web applications utilizing **TypeScript**, **React**, **Next.js**, and **Node.js** (**Express**). I built responsive and user-friendly front-end interfaces and created robust **RESTful APIs**. I managed **MySQL** **databases**, ensuring efficient data storage and retrieval, and oversaw the entire software development lifecycle from conception to deployment.

I successfully deployed and managed applications on **Linux servers**, configuring **Nginx** as a reverse proxy for optimal performance. I implemented secure authentication and authorization systems, including **2-factor authentication**, to protect sensitive user data. Furthermore, I integrated **email functionality** into applications, enhancing user communication and engagement. These experiences demonstrate my ability to deliver secure, efficient, and user-centric web solutions.

**Senior Software Engineer - Remote - GPN -** *January 2024 – November 2024*

I have applied my technical expertise in **Tailwind**, **React**, **Next.js**, **HTML**, and **CSS** to significantly enhance the functionality and user experience of Horseplay.com. I utilized these technologies to create a visually appealing and responsive user interface, ensuring seamless navigation and an engaging experience for end users.

Additionally, I integrated **React Query** to handle data fetching and state management, which helped optimize the application's performance. This approach not only improved data handling efficiency but also reduced load times, contributing to a smoother and more dynamic user interaction throughout the platform.

By leveraging these technologies, I streamlined the development process, enabling faster iterations and better code maintainability. As a result, I was able to boost the overall performance and scalability of the platform, aligning it with modern development standards and ensuring it could handle increasing user demands.

**Senior Fullstack Engineer - Vanguard -** *February 2022 - December 2023 (1 year, 11 months)*

I have developed Angular applications using the **MVC architecture** and consumed microservice APIs to manipulate client data for dynamic views. I created reusable **Angular** and React components within a monorepo Nx workspace, integrating **NestJS middleware** and **GraphQL APIs**. My experience includes employing tools like **Bitbucket**, **CI/CD pipelines**, and **Jira/Confluence** for agile development and version control, as well as **Docker** and **Nginx** server configuration.

I utilized **SCSS** to build responsive, accessible, and optimized components based on design specifications, while adhering to **KISS** and **DRY** principles. I have implemented **RxJS** for real-time applications and used **amCharts** for data visualization. Throughout these projects, I collaborated closely with junior developers and team members to devise effective solutions and streamline development processes.

Additionally, I have worked with **Java, Spring Boot** and **AEM**, creating Sling models and binding them to **Angular/React** inputs and **AEM XML** forms. By following **SOLID** principles, I ensured that the software was maintainable and extensible. My work has been guided by the **BDD** methodology, and I consistently applied the Scrum agile framework to accelerate the completion of complex projects.

**Senior Web Engineer - Rank Interactive -** *January 2020 - January 2022 (2 years, 1 month)*

Built multiple scalable and responsive **Angular** applications, utilizing advanced features like **server-side rendering**, **service workers**, **SPA**, **RxJS**, and **NgRx**.

Developed a **CMS** to manage content for 11 apps, ensuring streamlined updates and content consistency.

Created private **NPM packages** to promote efficient code reuse and sharing across projects.

**Mid Front End Developer - Experian -** *May 2018 - January 2020 (1 year, 9 months)*

As a Front-End Developer, I worked extensively with **Angular** while consuming .NET APIs to deliver dynamic applications. I developed comprehensive unit and **end-to-end (e2e) tests** using Karma, Jasmine, and Protractor to ensure code quality and reliability. Additionally, I leveraged **RxJS** and **NgRx** to implement reactive programming patterns, contributing to the overall responsiveness and efficiency of the projects. By adhering to industry best practices and standards, I consistently delivered robust and performant applications.

**Full Stack Developer - Surely Group -** *August 2016 - March 2017 (8 months)*

I developed **RESTful** applications using **PHP** and **Symfony** on the back end to ensure robust functionality, while utilizing **AJAX**, **Twig**, and **CSS** to render dynamic and responsive front-end content. I worked with **CRUD** databases, **MySQL**, and **ORM** Doctrine migrations for efficient data management. Additionally, I created hybrid mobile apps using the **Ionic** framework, delivering native app-like experiences on mobile devices. By employing **Angular** and **NPM** packages, I streamlined the development workflow and enhanced code reuse. I also used **SCSS**, **LeafLetJS**, and **OpenStreetMap** to generate interactive and informative front-end maps and charts.

**Web UI developer – Tevelop -** *August 2014 - August 2016 (1 year, 1 month)*

I translated **PSD designs** into web pages using **HTML**, **CSS**, **JavaScript**, and **jQuery**, ensuring accurate visual representation. I created responsive web pages with the **Bootstrap** framework and worked extensively with **WordPress** CMS, utilizing themes, templates, and plugins for custom functionality. Additionally, I managed projects using **Git** for version control and **FileZilla** for efficient file transfers and deployment. Using **Ecommerce** from WordPress and integrated with **Stripe**.

**Education**

**University, October 2012 - July 2015 (3y)**

University "Alexandru Ioan Cuza Iasi", School of Computer Science

**High School, September 2008 - July 2012 (4y)**

National College "Mihai Eminescu", Mathematics and Computer Science