

Evgeniy Tuboltsev

Barcelona, Catalonia, Spain

normandiggs@gmail.com

+34692370642

[linkedin.com/in/newmanoz](https://www.linkedin.com/in/newmanoz)

Summary

Web dev - since 2004.

Angular - since 2011,

Ionic - since 2013,

Rust - since 2015.

Web developer with over a decade of expertise in creating web applications and APIs. Proven track record of delivering high-quality solutions in both small startup and large enterprise environments.

Technologies I use in frontend: Angular, Ionic, Nx, NgRx, RxJS, Three.js, D3, Playwright, Jest, TypeScript, Angular Material, Bootstrap, SAP Spartacus...

I can architect and implement web apps of varying complexities, ensuring high performance and maintainability. Can upgrade your app to the latest version of Angular, incorporating new features and optimizations.

I can create a "zoneless" Angular app, for the best performance possible, close to vanilla JS. I know all the latest features of Angular (Signals, Standalone Components, lazy loading...) and can consult your team.

Extensive experience in building robust systems including WMS, CRM, and ERP applications, with a focus on scalability and user experience.

Proficient in creating data visualizations using Canvas API, WASM, Three.js, Service Worker API, and many others, ranging from simple charts and animated UI parts to advanced 3D modeling applications.

Using Rust, I can implement APIs following the Service-Oriented Architecture (SOA) and the OpenAPI Specification. I prioritize writing code in Rust that is both safe and fast, leveraging the language's strengths in these areas.

My expertise in Rust primarily lies in web development, encompassing REST APIs, database connections, data analysis, and background task execution. I have extensive experience in caching, including handling mutexes, semaphores, preventing dog-piling and race condition effects, and ensuring Resource Acquisition Is Initialization (RAII) for optimal resource management.

One of my notable accomplishments is developing a 100% Rust REST API that serves multiple web and mobile applications, including CRM systems, task managers, mobile apps, and websites.

As a contractor, I've been working with Vodafone (devices control system, reports generator), NTT & Sony (custom payment module for Spartacus CRM).

Advocate for declarative coding practices, ensuring comprehensive test coverage and flexibility for future enhancements.

My favorite books are "Clean Code", and "Patterns of Enterprise Application Architecture".

I like and respect SOLID principles.

My blog:

<https://medium.com/@eugeniyoz>

More info about me:

<https://jamm.dev/>

Resume:

<https://jamm.dev/resume.pdf>

Experience



Senior Software Engineer

Superior Consulting Services Luetzgen

Aug 2020 - Apr 2024 (3 years 9 months)

Creating a systems management application for Vodafone Germany.

Technologies: Angular, Angular Material, Three.js, Nx, Playwright, NgRx, RxJS, Storybook, Keycloak, Bootstrap.

We've built two apps for Vodafone Germany:

* Devices and locations management: Angular + Bootstrap app. We've upgraded from Angular 12 to Angular 17. In our app, Vodafone specialists now document thousands of devices and locations. Due to the large number of devices and their varieties, most pages generate dynamic forms that appear different for each device. One of the latest features we've begun developing is a page with 3D visualization of devices in the room, using Three.js. Despite the numerous features, the application remains blazing fast - thanks to extensive usage of reactivity patterns, RxJS, NgRx, and Angular Signals.

* Reports generation tool: At the time we commenced development on this application, I served as the Lead Frontend Developer at SCS. Collaborating with our backend developers, we designed the architecture of the entire system, including the API and user interface. The UI is constructed with Angular Material and features multiple "wizard" forms for creating various types of reports (simple, multi-step, custom). Data synchronization between tabs is facilitated through IndexedDB and the Reactive Storage library.



Senior Frontend Developer

e2y

May 2021 - Jun 2021 (2 months)

Joined a team of Spartacus developers (SAP Commerce CRM) to develop a custom module for the e-commerce platform commissioned by Sony.

Spartacus is a robust meta-framework, constructed on Angular, necessitating a strong understanding of RxJS and reactive programming concepts.

We completed the project ahead of schedule :)



Senior Software Engineer

Expansion, LLC

Sep 2014 - Jun 2020 (5 years 10 months)

Started as a simple task: building a hybrid + native (iOS, Android) app using AngularJS.

Over the past 5 years, I've developed dozens of mobile apps and multiple websites, including a corporate CRM. I've converted simple HTML+JS landing pages into S3 websites with AWS CodePipeline deployment. Additionally, I've created the main API server in Rust to serve multiple websites (including the CRM) and mobile apps. I've also converted old websites into Angular 9 apps. Thanks to our open-minded boss, Ben Thole, we've had the opportunity to experiment with various new technologies, applications, and tools.

Software Engineer

HTML5Maker LLC

Apr 2013 - Oct 2014 (1 year 7 months)

Wrote (as a hired programmer) a website for creating and hosting JS animations. I developed the backend in PHP and the frontend in AngularJS, while other programmers handled the HTML part and the flash editor. A challenging task was integrating with the PayPal payment API :) Additionally, I managed more straightforward integrations such as using Amazon S3 to store images, Cloudflare as a CDN, Mandrill for emails, and Beanstalk for deployment.

Boutique.ru

Principal Software Engineer

WWW.BOUTIQUE.RU

Jul 2013 - Jun 2014 (1 year)

Developer of internal services for the Boutique.ru platform and public APIs. I collaborate with outsourcers, assisting them in integrating applications and services with our platform.

Boutique.ru

Senior developer

WWW.BOUTIQUE.RU

Jul 2011 - Apr 2013 (1 year 10 months)

Building a system based on Service-Oriented Architecture (SOA) principles, our components communicate via REST API with a core data storage, ensuring independence between components. This allows each component to be written in any programming language, and the data storage can be switched to any type of database without necessitating changes to the code or logic of all components. Some components already exist as complete products, such as the web-store part and others. Our team adheres to Agile methodology, writing code following SOLID principles. Currently, we're focused on developing an ERP system that will interact with our API, serving as the foundation of our platform. This ERP system includes web applications for warehouse management (workplaces), call centers, and other departments. Additionally, we have existing iOS mobile applications for couriers, all of which interact with our API, ensuring consistency across all applications. Furthermore, we are actively working on integrating our platform with Salesforce, desk.com, and other platforms. For task tracking, we utilize YouTrack with Agile boards. Git serves as our version control system, and we employ xUnit frameworks for unit testing. Our web applications are built using Symfony 2 and AngularJS frameworks.

Junior developer

Kovcheg Media

Aug 2005 - Aug 2007 (2 years 1 month)

Working on tools for a WAP-site constructor platform, including polls, an online image editor, a forum,

and an online FTP client.

Skills

Angular • Rust (Programming Language) • Angular Material • Bootstrap (Framework) • RxJS • NgRx
• Three.js • Nx • Jest • Software Architecture