Măceș Andrei

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About Me

Student at the **Ovidius University of Constanța**, Master of **Cybersecurity and Machine Learning**. Software engineer with **3+ years of professional experience** designing and optimizing responsive, scalable web applications. Skilled in **JavaScript, TypeScript, HTML5, CSS3, Angular, React, Next.js, and Vue.js**. Experienced in building **single page applications (SPA)**, **progressive web apps (PWA)**, and applying **mobile-first design** principles.

Skills

- **Frontend Frameworks**: Angular, React, Next.js, Vue.js

- **Core Web**: JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS, jQuery

- **UI/UX & Design**: Mobile-first design, PWA, Responsive Design, Accessibility, Figma, Angular Material

- **Security & Authentication**: OAuth2, JWT, Keycloak

- **Styling Libraries**: Tailwind CSS, Material-UI, Bootstrap, Design Systems

- **Architecture**: SPA, Component-Based Architecture, API Integration, GraphQL

- **State Management**: Redux, NgRx

- **Build Tools**: Webpack, Git, Jira, CI/CD pipelines

- **Other**: RxJS, Node.js, Express.js, .NET, Python, PHP, WordPress, D3.js, OOP, SQL, Java

Soft Skills

- **Communication**: Facilitated daily standups and sprint reviews, ensuring alignment between developers, designers, and QA.

- **Troubleshooting**: Resolved over 100+ critical bugs, reducing client-reported issues by 20%.

- **Flexibility**: Delivered features under shifting requirements, maintaining a 95% on-time delivery rate across 6 sprints.

- **Teamwork**: Collaborated with distributed teams across multiple time zones using Agile methodologies.

- **Deadline Management**: Delivered multiple freelance projects while consistently meeting deadlines.

Professional Experience

Cornerstone Technologies (cst.ro)   09/2022 – Present
Frontend Developer   *Constanța, Romania*

- Developed and maintained **single page applications (SPA)** in Angular, serving over **5,000+ users**.

- Executed **web performance optimization**, reducing load times by **30%**.

- Collaborated with a team of **6 engineers, 1 designer, 2 QA** on enterprise-scale projects.

- Introduced **mobile-first design**, boosting mobile engagement by **20%**.

Freelance Projects   01/2023 – 12/2023
Frontend / WordPress Developer   *Remote*

– Delivered **3+ responsive websites** using HTML, CSS, JavaScript, and PHP.

– Implemented **API integrations** (payments, analytics, forms), improving efficiency by 15–20%.

– Applied SEO and **performance optimization**, improving PageSpeed scores by **40%**.

– Designed reusable WordPress themes and documented technical setup for client self-maintenance.

– Coordinated with clients via Zoom, Slack, and Trello, ensuring 100% on-time delivery.

Cornerstone Technologies Internship   07/2022 – 09/2022
Frontend Developer Intern   *Constanța, Romania*

– Implemented Angular forms and reusable components adopted into production systems.

– Designed a QA automation tool, reducing manual test execution time by 15%.

– Secured a full-time offer following strong performance.

OutlinePixel S.R.L.   11/2024 – Present
Fullstack Developer   *Constanța, Romania*

– Lead fullstack development of client projects using **Angular, Node.js, TypeScript, Prisma ORM, CapRover**.

– Managed client communications, requirement gathering, and feature planning.

– Designed and implemented backend APIs, database schemas, and CI/CD pipelines using **GitHub Actions** and **CapRover** deployments.

– Maintained legacy PHP projects built on **CodeIgniter**.

– Delivered secure, responsive, and maintainable applications under client requirements.

Hackathons & Academic Projects   09/2020 – 07/2024
Frontend / Full-Stack Developer   *Constanța, Romania*

– **Bachelor Thesis (2024):** Developed an integrated ecosystem of three applications (server, Electron-based desktop app, and responsive Angular web app) to manage end-to-end diploma request workflows across multiple university institutions. with latency under 200ms.

– **Hackathons (2022–2023):** Prototyped apps in Angular and Node.js within 48h.

Education

Ovidius University of Constanța   10/2024 – Present
Master of Cybersecurity and Machine Learning   *Constanța, Romania*

"Ovidius" University of Constanța   10/2021 – 07/2024
B.Sc. Computer Science   *Constanța, Romania*

Certifications

• **Angular Signals In Depth (Angular 21)**: Udemy, 2026

• **NgRx (with NgRx Data) - The Complete Guide (Angular 20)**: Udemy, 2026

• **Angular Testing: Unit Testing Angular and E2E Testing**: Udemy, 2025

• **Clean Code**: Udemy, 2023

• **Angular Core Deep Dive**: Udemy, 2023

• **RESTFul Web API**: Udemy, 2023

- **JavaScript: Understanding the Weird Parts**: Udemy, 2023
- **Reactive Angular Course**: Udemy, 2023
- **Figma UI UX Design Essentials**: Udemy, 2023