

Daniel Popa

Senior Full Stack Developer

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Timișoara, Romania

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Summary

Experienced Full Stack Developer with over 9 years in software development, specialized in web, mobile, and AI solutions with RAG and AI Agents. Proficient in developing Single Page Applications (SPA) using Angular and React with integration to multiple REST APIs, and skilled in HTML5, CSS, jQuery, PrimeNG Controls, AG-Grid, Bootstrap, Material Design, and D3. Published 103 mobile apps on Google Play Store, with the most successful reaching 30+ million installs, and developed multiple apps for iOS. Microsoft Certified Azure Developer and multi-cloud architectures (Azure, AWS). Based in Timișoara, Romania, delivering enterprise-grade solutions as a B2B contractor since 2021.

Latest Projects

- **QuickFlash AI:** Developed an AI-driven mobile iOS application to learn faster and remember more, transforming how users learn by instantly creating intelligent flashcards from photos, files, or text with powerful AI tools. quickflashai.com
- **AI Meal Planner:** Built a personalized meal planning mobile iOS application using AI to generate tailored nutrition plans. ai-meal-planner.com
- **Office.js Add-ins:** Developed Excel and PowerPoint add-ins using Office.js, JavaScript, and Azure, published on Microsoft AppSource. I found solutions for APIs that were not even documented.
- **Serverless Invoice System:** Built a 12-month serverless payment solution for Azets using AWS Lambda, Node.js, and Angular.
- **Accountant Dashboard:** Created an 8-month reporting system for Azets using Angular, Express, TypeScript, and DynamoDB on AWS cloud.
- **AI-Powered Mobile Apps:** Published AI-integrated mobile apps using React Native, Google Vertex AI on Google cloud.
- **Angular Component Libraries:** Released open-source NPM packages, including a particle effect button.

Skills

- **Languages:** TypeScript, JavaScript, C#, Python
- **AI & ML:** Google Vertex AI, Azure AI, Next.js AI
- **Front-End:** Angular, React, React Native, HTML5, CSS3
- **Mobile:** React Native, Unity 3D, iOS & Android development
- **Back-End:** Node.js, Express.js, C#, .NET, FastAPI
- **Cloud:** Azure (Certified), AWS Lambda, S3, EC2
- **Microsoft:** Office.js add-ins, Azure integration
- **Databases:** SQL Server, DynamoDB, MySQL, Aurora

Experience

B2B Contractor – Full Stack Developer

2021 – Present

- Developed enterprise applications using Angular, C#, and Node.js, deployed on Azure and AWS.
- Published 103 mobile apps on Google Play Store, with one achieving 30+ million installs.
- Created Office.js add-ins for Excel and PowerPoint, published on Microsoft AppSource.
- Led mission-critical projects, collaborating directly with stakeholders to deliver scalable solutions.

Azets – Full Stack Developer

2019 – 2021

- Built a serverless invoice payment system using AWS Lambda, Node.js, and Angular, as part of a team of 2 developers and 2 testers, with the project spread across Romania and Norway.
- Developed an accountant dashboard for custom reporting with TypeScript and DynamoDB.

Nokia – Software Developer

2017 – 2019

- Contributed to enterprise telecom solutions using Angular and PrimeNG, enhancing user interfaces with modern front-end frameworks, as part of a team of 15 developers and 4 testers spread across Poland, Finland, and Romania.
- Utilized WebAssembly to improve the performance of unzipping large files on the frontend, reducing processing time from minutes to seconds.

Alcatel Lucent – Frontend Developer

2015 – 2017

- Developed web interfaces using Angular and JavaScript.
- Supported cloud infrastructure setup on AWS.

EXSWAP – Software Developer

2014 – 2015

- Built a video streaming app using Windows Phone APIs with C# and XAML.

Continental – Intern Developer

2013 – 2014

- Assisted in developing internal tools using Python and MySQL.
- Developed human-machine interfaces using C++ with the Qt framework.
- Gained foundational experience in agile development.

Education

West University of Timișoara

Bachelor's Degree in Computer Science, 2011 – 2014

- Founded a student group to teach junior students Windows Phone app development.

Certifications

- Microsoft Certified: Azure Developer Associate

Languages

- **Romanian:** Native
- **English:** Fluent (C1 listening/reading, B2 speaking/writing)
- **Spanish:** Basic (A2, improving)

Links

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