

## Dzenis Madzovic – Tech Lead @ PinMeTo

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### Education

#### Kristianstad University

Bachelors Degree in Computer Science

06/2021 - 06/2024

Thesis: Implementing and Comparing Reinforcement Learning Algorithms in Embedded and Traditional Computing Environments for Autonomous Systems - [Link To The Thesis](#)

Kristianstad, SE

### Experience

#### PinMeTo

Tech Lead

Malmö, Sweden

07/2025 - Present

- Lead a team of four engineers, developing a new product focused on agentic experiences for customers.
- Architected the infrastructure for developing and deploying AI Agents connected seamlessly to the systems backend, with infrastructure as code, continuous integration and testing capabilities.
- Implemented test driven development, encouraged and enforced full test coverage of the system utilizing TypeScript, MongoDB, Express, Cucumber, Elm, and etc.
- Decision making and close knit communication between the designer and product manager.

#### PinMeTo - Conversations

Malmö, Sweden

#### Experienced Software Engineer

04/2025 - 07/2025

- Worked with the Phoenix, Elixir framework to develop and maintain a real-time chat-like application, using WebSockets, MongoDB, Elm, Amazon Web Services (AWS), and etc.
- Migrated large amounts of code from NodeJS to Elixir, Refactored code and improved data validation, resolving numerous critical product issues.
- Developed and deployed multiple, reliable, high-throughput, fault-tolerant workers without external dependencies
- Implemented solutions for Sentiment Analysis, Spam Detection, Translation, and Language Detection.

#### Self-Employed

Remote

#### Freelance Software Developer

01/2020 - 07/2021

- Developed web applications using full-stack frameworks (Next, Django) and mobile applications using Java, and later using Kotlin and Jetpack Compose.

### Skills & Interests

**Technical:** Typescript (JavaScript), Elixir, Python, Java, Kotlin, Go | Phoenix, NextJS (React), Django | MongoDB, SQL

**Language:** English (Fluent, Native Level, 117 TOEFL Score), Serbian (Native), Swedish (Basic Conversational)

**Cloud Computing:** AWS, Google Cloud, MongoDB Atlas

**Interests:** In my spare time I play the piano. I also used to compete in marathon swimming.