



MIRZA MUSIC

LEAD SOFTWARE ENGINEER

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Phone: +387 61 386691

Sex: Male

Date of birth: 08/05/1989

Nationality: Bosnian

OVERVIEW

Mirza is a Senior software engineer with 14 years of experience in software development with React, React Native, NodeJS, .NET, and Python as his areas of expertise. He is skilled with backend and frontend web and desktop and mobile application development. He is also an experienced Database developer with SQL and NoSQL Databases.

When working, he aims to create software with the user in mind and build applications with a usable and intuitive user interface experience. He sees great value in creating highly readable and easily maintainable source code. He uses his high motivation to learn new technologies and improve his skills constantly.

He is a hard-working person who strives to give his best on a task he is responsible for.

EXPERIENCE

Co-Founder

valens.dev

Jan 2019 – Present



Senior Software Engineer

[GreenLight Workforce Solutions](#)

Jan 2019 – Jan 2021 (2 years)



Senior Software Engineer

Symphony.is

July 2016 – Feb 2019 (2 years 8 months)



Senior Software Engineer

[Ministry of Programming](#)

October 2015 – July 2016 (10 months)



Senior Software Engineer

[Authority Partners Inc.](#)

December 2010 – October 2015 (4 years 11 months)



Database Officer

[European Commission](#)

July 2010 – December 2010 (6 months)



EDUCATION

Faculty of Information Technology in Mostar, University Džemal Bijedić

Bachelor's degree

Mostar 2018

TECHNOLOGY STACK OVERVIEW

JavaScript, C#, SQL, TypeScript, AngularJS, ReactJS, Node.js, .NET, Java, Android, React Native, Python, ASP.NET MVC/Web API, LINQ, jQuery, HTML, CSS, Bootstrap, SCSS, AJAX, GraphQL

Databases: MS SQL, MySql, PostgreSQL, MongoDB

Other skills: Git, TFS, Jenkins, ElasticSearch, Circle CI, Docker, Kubernetes, Webpack, Electron, Django, Design Patterns, Agile Methodologies, socket.io, Jest, Enzyme, Cypress, NightwatchJS, Selenium, Detox

MAIN PROJECTS OUTLINE

Broadvoice Communicator

Technology stack: JavaScript, ReactJS, Electron, WebRTC, Jest, React Testing Library, Webpack, Vite

The all-in-one platform for great conversations. With a single app for calling, video, text, collaboration, voicemail, and fax, you can always come through for your customers and teammates.

- Conducted thorough testing with Jest and React Testing Library
- Conducted A/B testing
- Developed desktop version of the app with ElectronJS framework.
- Led seamless migration from Webpack to Vite bundler.
- Onboarded and mentored new team members.
- Leading frontend refactoring efforts.

Garten.co

Technology stack: JavaScript, ReactJS, ReactNative, Detox, Ruby on Rails, Java

Garten is a health food company that delivers food directly to a company's doors. Offering healthy office snacks, including vegan, gluten-free, organic, and non-GMO options, the company aims to empower the workplace and lead people to make healthier, smarter choices across nutrition, exercise, rest, detox, and overall well-being.

Akido A-F — Covid19 patients health tracker

Technology stack: ReactNative, Detox

The Akido A-F app is an excellent solution for doctors to track the health status of Covid-19 patients. After answering questions regarding the patient's condition, Doctors were able to see some graphs and even predictions that the patient should be on a ventilator.

GreenLight

Technology stack: JavaScript, ReactJS, AWS Lambda NodeJs, PostgreSQL, Jest, Enzyme, Cypress, Circle CI, GraphQL

GreenLight helps companies with a social conscious compliantly to hire and pay

freelance workers with a click. They become the HR, legal, and payment department for clients' contingent workers. GreenLight seeks to assist employers in managing tax, regulatory compliance, onboarding, and payrolling for independent contractors. It also seeks to expand access to medical insurance and other benefits for gig workers.

Mirza was in charge of the analysis, design, and development of web application (ReactJS) and AWS Lambda functions (NodeJS), writing unit tests (Jest & Enzyme) and e2e tests with Cypress, continuous integration deployments with Circle CI.

Oerlikon Metco

Technology stack: JavaScript, NodeJs, Electron, SQL

Oerlikon Metco is a leading surface solutions provider with a global presence. They focus on supporting our customers with innovative surface engineering products using advanced coating and surface enhancement technologies, advanced materials for industrial processes, and specialized component manufacturing using a unique set of machining technologies.

Mirza was in charge of the analysis, design, and development of the tools for collecting, standardizing, and converting data from different sources (unorganized Excel Files, MS Access DB, XML, JSON ...) to JSON files, Implementation of features for Loading tanks of gases/liquids and measurements of same for the application which served as interface and dashboard for controlling Metal Coating Machine.

Cabin

Technology stack: MeteorJS, ReactJS, React Native, MongoDB, Selenium (Chimp + Cucumber), GraphQL, Circle CI, Heroku

Cabin is an exciting experiment that competes with the airlines by promising a better night's sleep. The cabin uses the special double-decker buses which take passengers between San Francisco and Los Angeles. Passengers are getting a full night's sleep in an actual bed while riding on the freeway.

Mirza was in charge of the analysis, design, and development of the web (MeteorJs and ReactJS) and mobile applications (React Native iOS and Android), writing e2e tests with selenium, and continuous integration deployments with Circle CI and Heroku.

TentCraft

Technology stack: AngularJS, jQuery, Node.js, Electron, TypeScript, Gulp, Karma, Jasmine, HTML, CSS, MaterializeCSS, SASS, Amazon AWS, Jenkins

TentCraft web configurator - goal was to create a modular and fully generic tent configurator that can be embedded into any web page.

TentCraft configurator is an online website used to help customers choose a tent based on their preferences via a simple and responsive online configurator to replace and speed up the sales process.

TentCraft desktop automation application is used to automate repetitive actions of designers during the design process of tents to speed up the overall process.

Mirza was in charge of the analysis, design, and development of the web and the desktop application. Team of two (Mirza and one other colleague) designed and developed both applications from scratch. Worked on the entire development cycle from analysis and design, coding/testing to delivery/deployment and support.

Inicijator

Technology stack: JavaScript, ReactNative, OneSignal

Inicijator is an application that lets users know all sails, actions, and news from their favorite companies. Inicijator also allows companies to notify users of customers.

Mirza was in charge of the analysis, design, and development of the iOS and Android from the first line of code to the production deployment of ReactNative applications.

What Pros Wear

Technology stack: Python 3, Django, Django Rest, ElasticSearch, MySql, MongoDB, Android, Java, Swift

WhatProsWear.com mission is to help find the best equipment from the premier glove, bat, batting glove, cleat, and other baseball equipment manufacturers around. The best way to find the best equipment is to consult the true professionals, the superstars of Major League Baseball. WhatProsWear brings the most accurate and up-to-date information on pro gloves, pro bats, pro cleats, and other Major League equipment, and shows where they can be found.

WhatProsWer.com website is a WordPress blog, so our first mission was to sync WordPress database with our new relational database. After that, we made awesome IOs using Swift and Android mobile applications where users can log in with Facebook or Instagram, or they can register WPW account and search filter, like or comment (with a mention functionality) on baseball gear items, news, and players. To be sure that users are always updated with the latest information, they have an option to enable push notifications on their phones. To enable the admin to change the content, we have implemented an intuitive admin panel using Django.

For the fastest search and pagination, we implemented ElasticSearch and for tracking users' activities, we are saving their API calls in MongoDB, The backend was implemented with Python 3 using Django for the Admin panel and Django Rest Framework for a restful backend and mobile app communication.

I was included in DB sync, Admin Panel, Rest APIs, and Android app.

Swie

Technology stack: ReactJS, Node.js, Flax, ES6, HTML, CSS, Socket.io, Amazon AWS, Jenkins, NightwatchJS, Selenium

Swie is the next-generation platform for agile electronics manufacturing.
Swie mission is to allow the user to create their private / open source hardware projects so projects can be ordered from manufacturers.

My tasks were:

Developing startup from the first line of code with latest JavaScript technologies.

Developing web applications using a combination of React.js with Flux and Node.js as server-side code. Postgres SQL for DB with Knex.js as an abstraction on top of the Postgres and clean SQL queries.

Creating automated tests for developed applications with Nightwatch.js and Selenium

LSI LPS eLS eLeanderServices

Technology stack: .NET, Windows Forms, WPF, WCF, WebServices, WWF, ASP .Net MVC, ASP .Net WebForms, T-SQL, LINQ, [ADO.NET](#), TFS, JavaScript, jQuery

eLeanderServices is an enterprise full-service, direct lender offering clients and business partners forward-thinking home financing solutions

Worked as full stack developer on distributed enterprise applications. Worked on the full development cycle from analysis and design, coding/testing to delivery/deployment and support.

Task-related to my Team Lead position on this project:

Participate in software development iteration planning

Break down requirements into tasks

Prioritise tasks

Help team members estimate task design, implementation, unit test, and review effort

Help team members define functional and non-functional acceptance criteria for each task

Assign tasks to team members

Review team member completed tasks for:

Acceptance criteria manual and/or unit test defects

Coding, design, and other pattern policy defects

Design, implement, and test assigned tasks