Alexander Medici

Full Stack Software Engineer with 3 years of experience.

I love developing software that has the potential to drive business disruption & innovation!

✉ HelloMedici@Outlook.com

📍 Remote

⌨ github.com/AlexanderMedici

📱 Fluent In: English, Croatian, Polish, Serbian,

in linkedin.com/in/alexmedici

WORK EXPERIENCE

Software Engineering - Manager
Property Management Squad Inc.

11/2018 - 01/2022   *Toronto, Canada*

Achievements/Tasks

- Used React to create a fast, fluid, & responsive experience for prospective home buyers or renters, no matter what device content was viewed on.
- Executed bi-directional chat using socket.io. Allowed for effective communication between tenants & management. Enabled management to step in front of problems before it occurred, or resolve issues before they worsened. Resulting in 32% profit margins within first quarter alone.
- Updated syntax of subscription portal in JavaScript. This improved security & reliability for the tenant login portal.
- Worked with the product owner to create, refine, & prioritize user stories that advanced the content management system with ROI as a focus.

EDUCATION & HONOURS

Post Graduate in Full Stack Web Development
California Institute of Technology (Cal-tech)

11/2020 - 11/2021   *California, United States*

Thorough foundation & expertise, building end-to-end applications from scratch. Relevant Coursework:

- **Languages:** Java, HTML5, CSS3, & TypeScript, JavaScript ES6, SOAP, Servlets
- **Frameworks/Libraries:** Angular, jUnit 5
- **Databases:** MongoDB & MySQL
- **Tools:** Agile, Hibernate and JPA, Spring Core 5.0, AWS, REST, JSPs, Git, Docker, RabbitMQ, Maven, Selenium, Jenkins, CRUD

Certificate in Immersive Software Engineering
General Assembly

05/2021 - 08/2021   *Toronto, Canada*

Immersive front-end programming languages & back-end servers & databases. Relevant Coursework:

- **Languages:** JavaScript, Python, SQL, HTML, CSS, Sass, Command-Line Interface/Terminal.
- **Frameworks/Libraries:** Node.JS, React, jQuery, React Native, Redux, Express.JS, Materialize, Material UI, Bootstrap & Django
- **Databases:** PostgreSQL, SQLite, MySQL, MongoDB, Atlas, & Compass
- **Tools:** RESTful Routing APIs, Photoshop, Git, GitHub, Terminal, G-Suite, Postman, PostBird, Figma, Adobe XD, Slack & Trello Boards, Miro, EJS Templates & Bash

SKILLS

PROGRAMMING LANGUAGES: ------------------------

Command-Line Interface | Python | JavaScript
HTML5 | CSS3 | SQL | Servlets | Java
Typescript | SOAP | C# | Solidity

TOOLS AND TECHNOLOGIES: ---------------------

Hibernate | JPA | Agile | Spring Core 5.0
AWS | REST | JSPs | Git | CRUD | Selenium
RabbitMQ | Jenkins | Figma | Docker | Maven

FRAMEWORKS/LIBRARIES: ----------------------

Material UI | jQuery | jUnit 5 | React | Redux
Node.Js | React Native | Angular | Express.JS
Django | Bootstrap | Kaboom.js | Materialize

FAMILIAR DATABASES: -------------------------

PostgreSQL | MongoDB | MySQL | Compass
SQLite | Atlas

PERSONAL PROJECTS

'Quickoin' - Real Blockchain Application
- A full-fledged application which allows users to send transactions through the block chain. Each transaction is paired with a Gif & stored forever on the digital ledger Check out the Project here: ↗

'Proven Path' - Path Finding Visualization Tool
- Implemented Dijkstra's algorithm to find the shortest path between two points on a graph. Popular tool used for Digital Mapping Services like Google Map Check out the Project here: ↗

'ShopeFare' - A E-commerce Store
- Fully functional e-Commerce website with Stripe integration for card transaction. Used advanced React & JavaScript. Implemented Material UI for a modern interface. Check out the Project here: ↗

'Mario There & Back Again'- Online Computer Game
- Fight evil mushrooms, gather coins, & explore new engaging levels, in this static page online game Check out the Project here: ↗

AI BLOG - UI/UX Website
- Transformed a Figma design into a fully functioning Modern UI/UX Website using React JS. Check out the Project here: ↗

'Currency Converter' - Exchange Rate Calculator
- The exchange calculator fetches data from an external API to get currency data. Check out the Project here: ↗