Alex Messina

Phone: 314-599-1732 | **Email:** me@alexmessina.dev | **Location:** St. Peters, MO, 63376
Portfolio: https://alex-messina-react-portfolio.netlify.app/
LinkedIn: /joseph-messina-36503049
GitHub: github.com/ExecutorKarthan

Web developer leveraging backgrounds in science and education to provide client focused product development. Earning a certificate in Full Stack Web Development from Washington University Coding Bootcamp. Collaborative problem-solver who is passionate about developing robust apps with intuitive user experiences. Strengths in solution-exploration, teamwork, and seeing projects from inception to live functionality.

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGES:** JAVASCRIPT, JAVA, PYTHON
- **ARCHITECTURES:** REST, MERN
- **WEB TECHNOLOGIES:** HTML, CSS, BOOTSTRAP, JQUERY, NODE, EXPRESS, HANDLEBARS, REACT, VUE, WEBPACK
- **VERSION CONTROL:** GIT
- **TOOLS:** GIT, API INTEGRATION, MYSQL, MONGOOSE, NODE.JS, GRAPHQL, EXPRESS
- **DESIGN:** FRONT-END DESIGN, BACKEND SERVER INTEGRATION

SOFT SKILLS

- GROWTH MINDSET
- EFFECTIVE COMMUNICATION
- POSITIVE RELATIONSHIP BUILDING
- ADAPTABILITY
- PROJECT MANAGEMENT

PROJECTS

SQL EMPLOYEE MANAGER - HTTPS://GITHUB.COM/EXECUTORKARTHAN/SQL-EMPLOYEE-MANAGER
- Summary: Command line app to manage a fictional company's SQL employee database
- Role: Sole Author
- Tools: Javascript, MySQL, Inquirer, Dotenv, Sequelize

WORTH THE WATCH? - HTTPS://GITHUB.COM/EXECUTORKARTHAN/WORTH-THE-WATCH
- Summary: Mobile responsive app that allows users to view, create and comment on movie reviews
- Role: Co-Author
- Tools: Javascript, HTML, CSS, Bootstrap, Express, Dotenv, Handlebars, Sequelize, Mysql2, Bcrypt, Sessions

SIPSYNC - HTTPS://GITHUB.COM/EXECUTORKARTHAN/SIPSYNC
- Summary: Mobile responsive app that helps the user find food and drink pairings for a meal
- Role: Co-Author
- Tools: Javascript, HTML, CSS, Tailwind, The Meal DB API

EXPERIENCE

Science Teacher   August *2018 – Present*
St. Charles High School   St. Charles, MO
Supported students from a variety of backgrounds in multiple levels of chemistry and computer science coursework.
Key Accomplishments:

- Developed a Google Apps Script that was adopted by the school to coordinate student flow from homeroom to other locations.
- Helped guide and implement building-level decisions by serving on the Shared Leadership Committee.
- Supported colleagues by hosting professional development presentations and book clubs.
- Introduced a material science-based chemistry curriculum to promote student interest and success.
- Prepared students so that 100% of testers passed the 2023 Advanced Placement Chemistry exam.
- Coordinated with the Microsoft Technology Education and Learning Support (TEALS) program to provide an industry professional to support St. Charles' newly created computer science program.

Esports Head Coach   August *2021 – Present*
St. Charles High School   St. Charles, MO
Build and maintain a competitive esports team with a focus on developing student-athletes in a positive, accepting environment.
Key Accomplishments:
- Created and managed the first-ever esports team in St. Charles School District History.
- Organized the first live Esports tournament hosted by a public high school in St. Charles County.
- Coached state-qualifying Smash Bros and Halo teams.

Biology Teacher   August *2017 – 2018*
Rockwood High School   Fenton, MO
Supported students from a variety of backgrounds in multiple levels of biology coursework.
Key Accomplishments:
- Modeled a case-based teaching method to the Biology department.
- Started a competitive chess club for interscholastic competition.

Biology Teacher   August *2015 – 2017*
Salem R-80 High School   Salem, MO
Supported students from a variety of backgrounds in multiple levels of biology coursework.
Key Accomplishments:
- Provided a college level educational experience to over 100 students

<div align="center">EDUCATION AND CERTIFICATIONS</div>

Certificate of Completion - Coding Boot Camp   Anticipated Completion March 2024
Washington University - St. Louis   Remote

Certified Scrum Master   Remote
Scrum Alliance

Chancellors Certificate in Programming - University of Missouri
- Focuses in Java Programing and Python Programming   St. Louis, MO

PLTW Computer Science A (Java) Certification
PLTW Master Teachers   Kansas City, MO

Master of Education - Learning, Teaching and Curriculum
University of Missouri   Columbia, MO

Master of Science in Forensic Sciences
Marshall University Forensic Science Program   Huntington, WV

Bachelor of Science in Biology
University of Missouri   Columbia, MO