

# MAX MATTHEWS

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Senior software developer and technical leader with 10+ years of experience designing, building, and scaling full stack JavaScript applications for enterprise, government, and startup environments. Proven track record in leading cross-functional teams, driving technical strategy, and delivering secure, high-impact solutions across healthcare, education, and conversational AI. Adept at balancing hands-on development with strategic oversight to align technology with business goals.

## PROFESSIONAL EXPERIENCE

### **tuzag, inc.**

CTO February 2021 - Present

- Engaged enterprise and government clients to define technical strategy and deliver high-impact solutions.
- Directed technical operations for multiple full stack JavaScript applications, balancing hands-on coding with strategic oversight with thorough project management and requirements planning.
- Built and led two software teams of senior and junior developers, overseeing hiring, mentorship, and career growth.
- Led mobile app development and contributed to the architecture of an integrated remote patient monitoring system for the Veterans Administration (Life365 subcontract), delivering a scalable, secure digital health solution tailored to veterans' needs.

Lead Developer July 2016 - February 2021

- Designed and developed scalable full stack JavaScript solutions (Node.js, Express, React, React Native, MySQL, Google Cloud Platform) for multi-channel conversational experiences across mobile, web, email, and voice platforms.
- Transformed large datasets into actionable insights and integrated them into personalized, automated communication flows.
- Translated business requirements into technical roadmaps, aligning cross-functional teams, ensuring alignment on goals, timelines, and deliverables.

Rapid Prototyping Specialist July 2015 - July 2016

- Created proof-of-concept web applications leveraging multiple APIs to test product-market fit and assess business impact.
- Collaborated with development teams to evolve prototypes into production-ready, scalable deployments.
- Delivered rapid iterations to validate ideas with minimal time-to-market, enabling data-driven decision-making for future product direction.

### **Hack Upstate - Careers in Code**

Dean of Students & Lead Instructor February 2022 - October 2024

- Taught core software development skills and oversaw student services, including:
  - Leading nightly live classes and 1:1 mentoring
  - Designing, maintaining, and updating custom curriculum and LMS
  - Creating video content and grading/code reviews with actionable feedback
  - Building and maintaining alumni relationships to align training with industry needs

Instructor Apr 2019 - February 2022

- Instructing students at a 6 month bootcamp in full stack javascript. Part time roll teaching, curriculum development, & student mentoring.

## EDUCATION

Syracuse University, School of Information Studies

- Completed coursework towards Bachelor of Science Information Management & Technology
- Minor: Information Technology, Design, & Startups
- 2012 to 2015

## CORE TECHNOLOGIES

- Proficient in Meteor, React, Node.js, React Native, Javascript, HTML5, Slack, MySQL, Mongo, Google Cloud Platform, Webstorm, Git, Bash, Trello
- Previous experience: Government Contracting, Sketch, Figma, Python, PHP, Wordpress, Docker, Nginx, Monday.com