

# MASOM HAMADEH

✉ [masom@hamadeh.io](mailto:masom@hamadeh.io) • ☎ +1-678-779-4267 • 📍 Atlanta, GA • [in LinkedIn](#) • [GitHub](#)

---

Full-stack software engineer specializing in scalable API architecture, backend systems, and modern web development. Holds an M.S. in Management Information Systems and is pursuing a second M.S. in Software Engineering. Serves as the technical bridge between business stakeholders and engineering teams, translating functional specifications into detailed technical plans that drive development.

## > EXPERIENCE

---

### **Senior Software Engineer** — Converse (Nike)

**May 2025 - Present** (*Atlanta - Remote*)

- Serve as technical lead for a team of 4 engineers, driving sprint planning, backlog refinement, and technical decision making while mentoring developers through code reviews and architecture discussions
- Translate functional specifications into detailed technical specification documents, defining implementation approaches, data models, and API contracts for feature development across product lines
- Lead development of customer-facing e-commerce features using React, TypeScript, and Salesforce Commerce Cloud (PWA Kit) across multiple product lines
- Architect reusable component libraries and enforce coding standards, applying software engineering fundamentals (DRY, KISS, YAGNI) to reduce duplication and improve maintainability across the codebase
- Integrate and extend RESTful APIs and third-party services to support commerce workflows, payment processing, and inventory management
- Build and maintain CI/CD pipelines using GitHub Actions and Jenkins, including automated release workflows and Husky pre-commit hooks for linting and formatting

### **Freelance Software Engineer** — MHDesigns

**February 2022 - May 2025** (*Remote/Part-Time*)

- Managed freelance development projects while pursuing a second M.S. in Software Engineering
- Designed and developed full-stack applications as part of graduate coursework and personal projects using JavaScript, TypeScript, React, and Next.js (API routes), integrated with Supabase (PostgreSQL) and styled with Tailwind CSS
- Led sprint planning via Jira and maintained clear project documentation with Confluence to ensure smooth, asynchronous execution
- Reduced technical debt for two early-stage companies by implementing structured Agile workflows and modularizing legacy (pre-ES6) codebases
- Refactored API integrations for a CPaaS platform, improving average response time through database indexing and endpoint optimization

### **Software Engineer I** — Uber Technologies

**October 2020 - February 2022** (*Atlanta - Remote*)

- Retained through Uber's 2020 acquisition of Routematch and supported ongoing technical integration across teams serving transit agencies nationwide
- Contributed to the migration of 3 legacy monolithic systems to modern service-oriented architectures using Node.js and JavaScript, improving system maintainability and reducing deployment time
- Developed RESTful APIs and internal tools using Node.js and modern JavaScript (ES6+) to support transit routing and scheduling features
- Maintained and enhanced web applications using Angular and Vue, supporting phased framework migrations
- Increased unit and API test coverage by 15% using Mocha, Chai, and Postman, strengthening continuous integration reliability and reducing production defects
- Led proactive debugging and on-call incident response, resolving critical production issues under tight SLAs for 24/7 transit operations

## **Software Engineer — Routematch (Acquired by Uber Technologies)**

**October 2018 - October 2020** (Atlanta - Remote)

- Developed and maintained RESTful APIs using Node.js and Express, modernizing legacy system integrations and supporting key transit platform features
- Maintained production web apps built in Vue and contributed to legacy AngularJS repositories during phased migrations
- Wrote and maintained PostgreSQL queries and stored procedures to support internal reporting tools and feature-specific data workflows
- Worked within a microservices architecture, contributing to independently deployed services maintained in separate repositories and containerized using Docker

## **Associate Software Engineer — Connecture/DRX**

**October 2012 - February 2017** (Milwaukee - Remote)

- Launched professional software engineering career supporting the development of healthcare-related web applications for insurance enrollment and benefits management
- Contributed to backend services using the Struts framework, deployed to JBoss and WebSphere application servers
- Optimized frontend performance through jQuery refactoring and DOM manipulation improvements
- Participated in Agile sprints, client customization cycles, and user acceptance testing (UAT) for feature delivery

## **> EDUCATION**

---

### **Master of Science (M.S.) in Software Engineering**

*In Progress (Expected: December 2027)*

**Kennesaw State University** — Kennesaw, GA

*Relevant coursework: Software Architecture, Testing and Verification, Design Patterns, Software Project Planning and Management, Cloud Computing, Web Service Engineering*

### **Master of Science (M.S.) in Management Information Systems**

*Graduated May 2024 | GPA: 4.0*

**Kennesaw State University** — Kennesaw, GA

*Relevant coursework: Database Application Design, Advanced IT Project Management, Business Intelligence / Big Data*  
*Earned a **Graduate Certificate in Information Security and Assurance** as part of the M.S. program*

### **Bachelor of Science (B.S.) in Computer Science**

*Graduated May 2010*

**Kennesaw State University** — Kennesaw, GA

*Relevant coursework: Advanced Data Structures and Algorithms, Object-Oriented Programming, Database Systems*

## **> TECHNICAL SKILLS**

---

- **Languages:** JavaScript, TypeScript, Python, Lua, SQL
- **Frameworks & Libraries:** Node.js, Express, React, Vue, Next.js
- **E-commerce Platforms:** Salesforce Commerce Cloud (PWA Kit)
- **Testing:** Vitest, Jest, Istanbul (V8 coverage)
- **Databases:** PostgreSQL, Supabase
- **API Development:** RESTful API design and integration
- **Technical Documentation:** Functional and technical specification writing, API contract definitions, implementation planning
- **AI-Assisted Development:** Cursor, GitHub Copilot, Claude (spec-driven development with AI as copilot, not autopilot, maintaining engineering fundamentals and human oversight throughout the development lifecycle)
- **Tools & Environments:** Git, Docker, Postman, IntelliJ IDEA, WebStorm, VS Code
- **Cloud & DevOps:** CI/CD pipelines, containerization (Docker)
- **Project Management:** Jira, Confluence, Agile/Scrum methodologies