

Iman Moghaddas

Full-Stack Software Engineer

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Atlanta, Ga

[GitHub](#)

[Linkedin](#)

[Portfolio](#)

Results-driven Full Stack Software Engineer with a passion for creating innovative web applications. Proficient in both front-end and back-end technologies, combining strong technical skills with a commitment to delivering high-quality software solutions. Experienced in organizing and enhancing efficiency within organizations. Thrives in diverse environments and delivers high client satisfaction. Adapts to both administrative and technical tasks with a keen attention to detail. Lastly, passionate about music and entertainment, contributing to a creative and innovative mindset.

Work Experience

HMI/Controls Software Engineer

QuEST Global/General Electric (GE)

January 2021 - Current

Atlanta, GA

- Configured Mark VIe Control server VMs and installed Cimplicity HMI software and Historian (OSI-Pi or Proficy).
- Developed network topology diagrams for Controllers, HMIs, and Network equipment using Visio.
- Proficient in VMware and Virtual Machine concepts, including thin client configurations for Windows and Linux.
- Provided technical support to software engineers for HMI applications.
- Designed, implemented, and supported communication networks for control system applications.
- Assisted Engineering Services field personnel in resolving technical issues.
- Reviewed and interpreted customer specifications, ensuring project milestones, deliverables, and compliance.

Education

Full Stack Web Development Certification

Georgia-Tech University, Atlanta, GA

December 2022 – June 2023

B.S., Software Engineering

Kennesaw State University, Kennesaw, GA

August 2017 - December 2021

Awards:

- Dean's List, Fall 2020
- Hope Scholarship

Accomplishments:

Omega Delta Phi Fraternity, Inc – Founder/Service Chair

- Established Kennesaw State chapter and organized community service events (book drives, campus cleanup, coat drives, etc.)

Projects

Promptopia – Back-End Engineer & Front-End Developer

June 2023

- Architected Next.js application, bridging back-end and front-end functionality.
- Leveraged Tailwind CSS for intuitive user interfaces and responsive design.
- Seamlessly integrated front-end and back-end with MongoDB, utilizing React Hooks.
- Ensured secure user access using Google Auth for a streamlined login process.

CalmQuest - Back-End Engineer & Front-End Team Member

June 2023

- Engineered React.js-powered login page and functional components using React Hooks.
- Implemented user login database using MongoDB, ensuring efficient data management.
- Collaborated on front-end design using Tailwind CSS, ensuring a user-friendly experience.
- Employed GraphQL for API testing, optimizing data interactions and performance.

Another Bad Music Review – Back-End & Front-End Team Member

April 2023

- Spearheaded full-stack application for music comments and reviews, enhancing user engagement.
- Designed intuitive front-end utilizing Handlebars and RESTful API principles.
- Developed robust SQL and Sequelize database to store user data and comments.
- Empowered server-client communication through GET and POST requests.

Trip Planner - Back-End & Front-End Team Member

February 2023

- Conceptualized and developed application leveraging Rest countries API and Travel Advisor API.
- Crafted responsive design with Bulma framework and personalized CSS.
- Orchestrated JavaScript interactions, delivering an interactive and user-friendly experience.

Skills

Front-End Technologies:

React, Next.js, JavaScript, HTML5/CSS (Bootstrap, Tailwind CSS), jQuery

Back-End Technologies:

Node.js, Express, MongoDB, SQL (MySQL, Sequelize), GraphQL

Other Technologies:

Java, C#, C++, ES6, RESTful API, Git, Agile Development

General Skills:

Problem Solving, Organizational & Time Management, Communication, Agile Methodologies

Languages:

Bilingual: English and Farsi