


# JEFFREY GANULIN


Self-motivated, thorough, and creative problem solver looking to bring value to companies and society through passionate web and software development backed by a desire for continuous learning and optimization.

Connect with me:

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Portfolio: <https://jgswe.me>

## EDUCATION

### KENNESAW STATE UNIVERSITY

#### M.S. SOFTWARE ENGINEERING

DECEMBER 2023

- Achieved 4.0 Graduate GPA; Awarded Dean's 4.0 GPA List
- Excelled in courses on software architecture, requirements engineering, Agile methodologies, Web Services engineering, project planning and management, software testing, and object-oriented design patterns.
- Performed research in areas such as AI, software testing, software project management, and Agile methodologies.

### KENNESAW STATE UNIVERSITY

#### B.S. INFORMATION TECHNOLOGY

JULY 2020

- Concentration in Web and Mobile Systems
- Awarded President's List (4.0 GPA) in 2017.
- Relevant coursework included Project Management, Database Systems, Responsive & Mobile Web Development, and Programming
- Functioned as an informal tutor and peer mentor to help solidify course understanding for classmates.

## EXPERIENCE

### THE ENTRYWAY SURGEON

AUGUST 2019 – FEBURARY 2022

#### FULL-STACK SOFTWARE ENGINEER

- Planned, designed, and developed a website with photo galleries and user feedback capabilities, as well as administration functions, based on PHP and Laravel 9, boosting audience reach by 100%.
- Engineered image processing programs with Python and C# to streamline content management processes by 100%.
- Incorporated SEO across the website, boosting audience and engagement significantly.
- Maintained the website to handle upgrades, content changes, and feature requests.
- Established online presence for the company across platforms such as Google My Business, further boosting the company's online visibility and engagement metrics, tracked with Google Analytics.

### VILLAGEHOURS

DECEMBER 2023

#### FULL-STACK SOFTWARE ENGINEER

- Contributed with a team of 6 following Agile and Kanban methodologies to develop a full-stack web application.
- Implemented project requirements using React, TypeScript, Chakra UI, React Query, Redux, Node.js, Express, and MySQL.
- Performed unit, component, and E2E testing using Jest, React Testing Library, and Cypress E2E suites.
- Implemented CI/CD pipelines using GitHub Actions and Docker to deploy to Microsoft Azure.
- Collaborated with team members using GitHub and Atlassian Trello to manage codebase and resolve merge conflicts.
- Trained and mentored junior members on relevant technologies and development processes.
- Communicated with project stakeholders to refine requirements and present project prototype progress.

## LANGUAGES AND TECHNOLOGIES

- Web Development: HTML5, CSS3, JavaScript, TypeScript, Node.js, PHP
- Other Languages: C# .NET, Java, Python
- Databases: SQL (MySQL, MariaDB), NoSQL (MongoDB)
- Libraries and Frameworks: React, Redux, Express, jQuery, Laravel

## SKILLS

- Effective in responsive and mobile web & application design
- Skilled in AI LLM prompt engineering and evaluation
- Skilled in object-oriented principles and design patterns
- Competent in all phases of the software development lifecycle
- Experience in project management and leadership
- Excellent technical communication skills
- Quick learner and flexible to changing requirements
- Effective problem solver led by creativity & critical thinking