

# Garett Janulewicz

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[Portfolio](#) | [LinkedIn](#) | [Github](#)

Full-Stack Software Developer | Engineering Degree | Problem-Solver

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript(ES6, Node.js), HTML5, CSS, SQL | **Frameworks:** Flask, Spring Boot, Express | **Libraries:** React, Socket.io, Material-UI, Bootstrap, Jinja2 | **DataBases:** MySQL, MongoDB, Mongoose | **Tools:** MySQL Workbench, Git, Github, PostMan, AWS(EC2), Spring Tool Suite, Terminal, Wireframing.

## TECHNICAL PROJECTS

**TrixE** | *Software Developer* | [Live Site](#) | [Github](#)

*Social platform tailored for developers to exchange frontend components.*

- Adhered to the MVC design pattern, for a well-structured separation of concerns through modularization.
- Employed the Flask framework for rapid development, incorporating a range of functionality including Jinja2 templating, JSON response handling, HTTP routing methods, & session management.
- Established 'many-to-many relationships' with MySQL for features like followers, favorites, comments, and replies, enhancing user engagement and interaction.
- Optimized deployment on AWS (EC2) for rapid spin-up time & cost-effective deployment.

**PhotoVote** | *Software Developer* | [Live Site](#) | [Github](#)

*Upload 3 photos and allow the PhotoVote community vote which is best for the depicted occasion.*

- Leveraged a component-based architecture & virtual DOM with React, combined with Node.js & Express framework on the backend, & MongoDB for data storage.
- Integrated multiple photo uploads with a single request using multer middleware.
- Utilized JSON Web Token (JWT) for user authentication, authorization, & route protection | Bcrypt hashing & salting algorithm for robust password security.

**Bug Quack** | *Software Developer* | [Live Site](#) | [Github](#)

*Project management system for tracking bugs and managing tasks efficiently.*

- Leveraged Java Spring Boot for rapid development, capitalizing on its streamlined setup and configuration.
- Implemented Spring Data Persistence API for object-relational mapping, simplifying interaction with MySQL relational database through standardized repository interfaces.
- Achieved a seamless user experience through asynchronous data loading with AJAX.

## PROFESSIONAL EXPERIENCE

**Civil Engineer IT** | *Akinaka & Associates Engineering Firm* | Honolulu, HI

2022

- Drafted blueprints using computer-aided design (AutoCAD) for various engineering projects. Ensured that all drafts conformed to industry & organizational drafting standards, emphasizing accuracy & precision.
- Collaborated with other engineering firms on projects involving fluid dynamic infrastructures, and performed document revisions while adhering to city, state, and federal regulatory compliance.
- Conducted comprehensive scope of work inspections for civil municipal projects across the islands of Oahu & Hawai'i. Identified and documented deficiencies, and worked closely with contractors to resolve issues.

## EDUCATION

**Coding Dojo** | Full-Stack Developer Certificate

- Immersive Full-Stack Training Program in Python, Java, and MERN | **Achieved** black belt status (highest form of achievement in the program)

2023

**University of Hawai'i at Manoa** | Bachelor of Science in Civil Engineering | Honolulu, HI

- **GPA 3.71:** top 9% of civil engineering graduates in the U.S. | **Awarded** over 30 individual scholarships, totaling more than \$100,000 | **Achieved** dean's list, all semesters

2022