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

TrixEx | *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* |
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	2023

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

University of Hawai'i at Manoa	Bachelor of Science in Civil Engineering	Honolulu, HI	2022

- **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