

# DANU PETER KRIENGSI

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| Portfolio: <https://www.petekriengsiri.com>

## SUMMARY

Full-stack web developer looking to build clean, responsive and easy to use cross-platform applications. Recently completed a 12-week boot camp in Full-Stack Web Development with a prior B.S. in Industrial Engineering and M.S. in Applied Systems Engineering, each from Georgia Tech. Prior professional experience as an occupational safety and risk management consultant, applying a systematic approach to understanding client processes and issues and developing effective solutions for increasing worker safety and reducing business risks.

## TECHNICAL SKILLS

Languages/ Libraries/ Frameworks: MongoDB, Express, React, Node.js, JavaScript, Java, HTML, CSS, MySQL, jQuery, Bootstrap, Materialize, Bulma

Applications: VS Code, Git, GitHub, MySQL Workbench, Robo 3T, Postman, Figma, dbDiagram.io, Microsoft Office Suite, Adobe Photoshop, Adobe Lightroom, Slack

## PROJECTS

### Bliss Nails & Spa | <https://www.blissnas.com>

- A marketing website for a full-service nail salon
- Freelance project, responsible for the entire application
- React, Sanity, GROQ, Bootstrap, HTML, CSS, cPanel

### Roam | <https://github.com/pkriengsiri/roam> | <https://www.roam-together.com>

- An application for facilitating group travel. Allows for managing trips, shared expenses, and tasks.
- Implemented user auth process, front-end protected routes, back-end api routes, model and controller design, and front-end UX/ UI
- React, Bulma, Node Sass, moment.js, react-router-dom, Figma, CSS Animations, React-dates, Chart.js, jsonwebtoken, Express, Node.js, MongoDB, MongoDB Atlas, Mongoose, Axios, Cookie-parser, Express File Upload, bcrypt, dotenv, Google Places API, Cloudinary

### Bird Brains | <https://github.com/pkriengsiri/bird-brains> | <https://www.bird-brains.com>

- A platform for gamified bird-watching
- Implemented server-side routing, database queries, model creation, and HTML rendering. Developed front end UX/ UI, data validation, and pagination
- HTML, CSS, JavaScript, jQuery, Materialize, Font-Awesome, Slick JavaScript Library, Cloudinary API, node.JS, Express, Handlebars, Sequelize, ES Lint, Moment.js, Heroku

### What's in the Box? | <https://github.com/pkriengsiri/whats-in-the-box> | <https://pkriengsiri.github.io/whats-in-the-box/>

- An application to track the contents of boxes packing in a household moving or storage project
- Developed core application use cases and functionality. Identified target APIs.
- HTML, CSS, JavaScript, jQuery, Bootstrap, Font-Awesome, jQuery QR code library, paste.ee API, html2pdf API, orghunter charity search API, Google Maps API

## EXPERIENCE

### **Owner**

2016– Present

#### **Mantrada, LLC**

Atlanta, GA

Providing occupational safety and risk management consultation services. Using communication and presentation skills to influence company business decisions. Practicing effective problem solving and listening skills to understand company process and work practices.

#### *Key Accomplishments:*

- Worked with over 10 commercial insurance carriers to provide timely and thorough risk assessments to inform underwriting selection of potential customers and retention of existing customers
- Provided consultation and training small businesses to manage risks, reduce workplace injuries, and achieve OSHA compliance.

### **Research Engineer**

2012-2016

#### **Georgia Tech Research Institute**

Atlanta, GA

Provided safety consultation services to small businesses in the state of Georgia through the OSHA 21(d) Consultation program. Facilitated and managed training courses provided through the Georgia Tech OSHA training institute and Georgia Tech Professional Education.

#### *Key Accomplishments:*

- Developed and delivered training new professional education materials related to ergonomics, machine safety, and temporary worker safety
- Supported ergonomic assessment of industrial product packaging

### **Production Manager**

2009-2012

#### **AccuSentry, Inc**

Marietta, GA

Oversaw day-to-day operation of production related activities (including manufacturing, purchasing, and shipping/ receiving)

#### *Key Accomplishments:*

- Developed a previous iteration of the company website using HTML and CSS
- Reduced the delivery time of spare part orders by 60% and customer repairs by over 80%
- Managed outsourcing of mechanical part assembly/ machining to achieve a 50-90% cost savings

### **Loss Prevention Consultant**

2005-2009

#### **Liberty Mutual**

Nashville, TN

Provided loss prevention consulting services to small-to-medium sized businesses across the Southeast. Used data analysis skills to identify key loss trends among customer claims data.

#### *Key Accomplishments:*

- Inspected the work facilities of over 200 small businesses across a wide variety of industries
- Work closely with sales and underwriting on the selection and retention of customers.

### **Dog Walker (Volunteer)**

2019-Present

#### **Atlanta Humane Society**

Atlanta, GA

Provide exercise and socialization for adult dogs. Counsel potential adopters on the adoption process. Assist in Humane Society adoption and marking events.

#### *Key Accomplishments:*

- Over 450 hours of volunteer service

## **EDUCATION**

**Certificate in Full-stack Web Development:** Georgia Tech, Atlanta, GA

A 12-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Progressive Web Apps, Agile Methodology, Bootstrap, React.js, Express.js, Handlebars, Node.js, MongoDB, MySQL, Command Line, Git, and GitHub

**M.S. Applied Systems Engineering:** Georgia Tech, Atlanta, GA

**B.S. Industrial Engineering:** Georgia Tech, Atlanta, GA

## **CERTIFICATIONS**

**Scrum Foundations Professional Certificate (SFPC)** – CertiProf, Certification ID 55958925, 3/2021