

Overland Park, KS  
Phone: 316-737-6852  
Email: kngurley25@gmail.com  
GitHub: <https://github.com/kngurley25>

# Kristin Gaito, PE

---

## SUMMARY

Licensed professional electrical engineer with over six years of experience in the consulting engineering field. Applies engineering skill sets to develop full stack web applications.

## TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript  
Applications: Node.js, Express.js, MySQL

## EXPERIENCE

### **Clark, Richardson, and Biskup Consulting Engineers, Inc. (CRB) - *Electrical Engineer***

JUNE 2015 - PRESENT (KANSAS CITY, MO)

Global architecture, engineering, and construction firm specializing in design services for the pharmaceutical and biotechnology fields.

Designed power distribution systems for pharmaceutical manufacturing facilities.

- Coordinated with engineering and construction teams to produce electrical construction documents
- Produced technical reports, drawings, and specifications to communicate scope of work
- Performed engineering calculations to determine building electrical capacity and demand load
- Managed internal electrical engineering team to complete project design tasks within schedule
- Researched building codes and standards to design electrical systems to meet requirements
- Performed peer reviews using quality procedures on electrical drawings and specifications

Sample project experience: Lead electrical engineer for three-level, 299,000 square-foot manufacturing expansion for pharmaceutical tablets, powders, and liquids - Minneapolis, MN

- Coordinated with client engineering team for building and equipment power to support process
- Designed electrical systems to meet code requirements for hazardous area classifications
- Supported project through construction: reviewed equipment submittals, answered Request for Information (RFIs), and provided support for design changes and coordination meetings

Sample project experience: Lead electrical engineer for three-level, 69,000 square-foot manufacturing expansion for an animal health facility producing regulated monoclonal antibody products - Lincoln, NE

- Designed medium-voltage loop feed to serve new electrical service providing power to expansion
- Supervised electrical engineering team completing project tasks for lighting and power circuiting
- Traveled to site to meet with client and contractors to review electrical construction documents

## **Alive Engineering - *Electrical Engineering Intern***

MAY - AUG 2013, MAY - AUG 2014 (OKLAHOMA CITY, OK)

Mechanical, electrical, and plumbing engineering firm specializing in design services for commercial facilities such as healthcare, hospitality, and public schools.

- Performed lighting calculations using lighting calculation (Visual and AGi32) software to design system to target foot-candle levels and to meet power density requirements
- Performed short-circuit analysis using power tools software (EasyPower and SKM) modeling electrical one-line diagrams to determine available fault current

## **PROJECTS**

### **Welcome to Mars | <https://github.com/kngurley25/astronomy-project>**

A fun, user friendly webpage that displays technical data from NASA open source APIs.

- Utilized client side technologies and frameworks: HTML, CSS, Bulma CSS framework, JavaScript
- Created API calls to display information provided by NASA Open Innovation team
- Worked in a team of three contributors

### **Professional README Generator | <https://github.com/kngurley25/professional-readme>**

An application that generates a formatted markdown file based on user input.

- Built with JavaScript, Node.js, with Node packages inquirer and file system module
- 

## **EDUCATION**

### **University of Kansas - *KU Coding Bootcamp Certificate of Completion***

SEPTEMBER 2021 - MARCH 2022 (LAWRENCE, KS)

Six month course designed to teach students the skills for full stack web development

- Developed front-end applications using HTML, CSS, and JavaScript
- Created back-end server using Express
- Experience with Node.js, MySQL, Reacto
- Applied programmatic principles such as object-oriented programming, test-driven development, and agile development to projects and course work
- Experience with Git version control software and issue tracking

### **Kansas State University - *Bachelors of Science in Architectural Engineering***

AUGUST 2010 - MAY 2015 (MANHATTAN, KS)