# J.P. MITRA

**Software Engineer**

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Links:   **jpmitra.netlify.app**   **linkedin.com/in/jpmitra/**   **github.com/mitch8020**   **@mitch8020_jp**

Skills:   HTML, CSS, JavaScript, React, Node, Express, MongoDB, D3, Git, GitHub, OOP, Responsive Design

## SUMMARY

Transitioning through multiple roles at a mid-sized construction firm, I've always advocated for automated systems to improve work efficiencies. Learning the key stressors among different departments, I took it upon myself to design and create custom enterprise software that will cater to the company's specific needs.

## WORK EXPERIENCE

**Full-Stack Software Engineer at 100Devs**                                    January 2022 – Present

Created full-stack web applications with modern tools and frameworks for business functions and a focus on increasing work efficiencies for internal communications through automation.

- Collaborated with a team of developers to build semantically structured, responsive web apps.
- Completed daily coding challenges to reinforce fundamental C.S. concepts such as Data Structures, Algorithms, and Object-Oriented Programming.

Recent Projects:

- **W&A Console Manager** – Web app for streamlining estimating and administrative operations by automating quote generation and communications among sales, production, and finance depts.
- **Mood Tracker** – Web app for users to login (Google OAuth 2.0), create journal entries to track personal improvement with data visualization (D3), and incorporate social media components.
- **Bucket's Photo Collection** – (In progress) Web app featuring a showcase library of pet images utilizing Materialize, AWS S3, and a self-built API with app integration.

**Estimator, Administrator, Recruiter, Project Manager for Wilson & Associates, P.C.**        June 2018 – July 2022

Transitioned through multiple roles with a variety of responsibilities including cost estimating, contract administration, recruiting, software implementation, project management, scheduling, and invoicing.

- Managed 14 employees to complete field survey projects and construction layout tasks.
- Implemented software for document management (Procore) and project management (Zoho).
- Analyzed previous company estimates to create projective cost analysis reports in Excel.

## EDUCATION AND HONORS

B.S. Engineering Technology, Construction Concentration, Minor in Mathematics        May 2018

East Tennessee State University, Johnson City, TN        University Honors Scholar

## COMMUNITY SERVICE

**Blood Donor**, American Red Cross        November 2014 – Present

**Skilled Laborer**, Holston Habitat for Humanity        October 2014 – March 2020