

JOSHUA LANGNER

SOFTWARE ENGINEER (PERN and MERN)

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

PROFILE

Software Engineer (*specializing in PERN and MERN stacks*) with a passion for solving complex problems by creating scalable maintainable software. Thrives in diverse collaborative cultures where continuous improvement, creativity, and curiosity are the driving force.

PROJECTS

Discovery House Website: MERN Stack (PostgreSQL, Express, React, Node)

- Replatforming website to accommodate evolving technical needs by integrating intuitive donation payment system, contact form, and backlinking socials
- Rebranding and incorporating ADA compliance and responsive layout into user interface design
- Building and hosting database so client can create, update, and delete posts in announcement feed without developer assistance

Team Lindsay Web Form: React.Js

- Implemented `useEffect` and `useState` to manage state of user input
- Integrated third party email API to compile form input and deliver necessary information to the client
- Actively listened to and sought to gain a clear understanding of the client's unique needs. Tailored production accordingly—Resulting in client's most successful event to date, with 160+ product orders

WikiBean Application: PERN Stack (PostgreSQL, Express, React, Node)

- Designed a 4 model REST API from scratch using PostgreSQL, Express.Js and Node.Js.
- Constructed 15 endpoints and corresponding routes for front-end users to create, read, update, and delete information in the models.
- Engineered a deep search function accepting multiple user inputs and converting them to URL inputs that were then used as query parameters to call specific endpoints

Recipes For Me: PERN Stack (PostgreSQL, Express, React, Node)

- Created a project timeline and workflow, so that our team exceeded project expectations 2 days ahead of our deadline
- Created a 3 model REST API using PostgreSQL, Express.Js, and Node.Js and then collaborated closely with the team's front-end developer to make sure that my endpoints met the needs of the application
- Recognized the team had a skill gap in CSS knowledge and proactively learned the features that were needed to deliver a product that was not only functional but also aesthetically pleasing

EXPERIENCE

Web Developer | Octopeda WebDev | Spencer, IA | October 2022 – Present

- Develop efficient and maintainable software according to business objectives and needs of clients
- Liaise with branding and design experts to optimize website development projects
- Redesigned and ran development to migrate Facebook ecommerce page to stand-alone page hosted on Netlify, integrating payment into the page that converted traffic by 200% to forecast
- Lead project status meetings with customers, collecting feedback at each stage of the project, including design concept, layout development, and public deployment

Software Engineer Fellow | General Assembly | Remote | June 2022 – Sept 2022

- Completed 500+ hours immersive program: Learning software development languages, frameworks and libraries, industry standards and best practices through hands-on application of web and mobile application fundamentals using in-demand industry technologies
- Delivered diverse array of real-world projects utilizing vanilla JavaScript (with HTML, CSS, and DOM), MERN and PERN stack, Vue, Python, and Django Worked on and led development teams, gaining experience with team version control, working collaboratively to meet deadline with all features

- Worked with software development and testing team members to design and develop robust solutions to meet requirements for functionality and performance

Business Consultant | UScellular | Spencer, IA | Aug 2020 - June 2022

- Translate business needs into revenue driving sales of technical solutions—Producing 60% of branch's new business acquisitions
- Collaborated cross-functionally to perform Operations Manager duties—Resulting in 98% operational excellence
- Performed initial business client consultations, defining wireless implementation priorities and strategies for connected technology to solve their unique problems.
- Recommended appropriate system based on customers' specific network and device needs, resulting in chargeback rate under 2%

Sales Manager | UScellular | Spencer, IA | Sept 2016 - Aug 2020

- Managed multiple interrelated timelines and workflows, achieving 280% of sales goal as a pilot market for new service
- Recruited and hired top-level talent for sales department, reducing turnover to under 10%
- Instructed annual development workshops for sales processes and proprietary operating systems for new hires to bolster skills and add value to teams across Iowa/Nebraska territory

COMPETENCIES

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|----------------------|-----------------------|-----------------|------------------|--------------------------------|
| Analytical Thinking | Project Management | Time Management | Teamwork | Cross-Functional Collaboration |
| Decision Making | Teamwork | Empathy | Active Listening | Creative Problem Solving |
| Verbal Communication | Written Communication | Team Leadership | Adaptability | Self-Teaching |

TECHNICAL PROFILE

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|------------|-------------------|-----------------|------------|----------------------|
| JavaScript | CSS | UI Design | Node.Js | API Integration |
| TypeScript | Canva Design | SEO | Express.Js | REST API |
| React | Responsive Design | NOSQL (MongoDB) | Python | Git/ Version Control |
| HTML | ADA Accessibility | SQL (Postgres) | Django | CI/CD |

EDUCATION & CERTIFICATION

General Assembly | Software Engineering Immersive | Remote | Sept 2022

- Accelerated course equivalent to two year education

CONTINUOUS DEVELOPMENT

Fundamentals of DataScience | Course: CodeCademy | October 2022 - Present

Color Theory and Design | Min Course: CodeCademy | December 2022 - Present

SEO Certification | HubSpot Academy | February 2023 - Present