

Ben Jensen

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[Website](#) | [LinkedIn](#) | [Github](#)

SUMMARY

Determined problem solver and lifelong learner with a compassion for people and using my skills to better the world. Over the past 10+ years, I have been part of and led multiple teams in different industries and organizations through support, design and engineering activities under varying levels of precision and excellence with customer satisfaction.

RELEVANT SKILLS

Languages: HTML, CSS, Javascript, Python, C#, Java, SQL, Visual Basic | Technologies: React, Node, MongoDB, Django, Jenkins, Docker, NGINX, Mongoose, Express, SQL Server, AWS EC2, Bootstrap, JQuery, Git

PROFESSIONAL EXPERIENCE

Radiant Promises | Web Developer | Remote

August 2020 - October 2020

- Designed web-based giving platform for donations with live giving campaign tracking
- Integrated Stripe and PayPal payment processing with Twilio SMS communications
- Re-designed home website with Python/Django framework and deployed it on Amazon Web Services EC2
- Designed wireframes of student and asset profile management program

TECHNICAL PROJECTS

Tracker | React Developer | Remote

Current Project

Project Tracking application to track personal software projects

- Created Responsive dashboard layout using React and SaSS
- Built pop-up task form to create and submit new tasks
- Created NodeJS with Express and Mongoose to read and create projects in a flat database (MongoDB)
- Built the project data model to allow for specific project details with projected and actual start and end times

Mountain Management | React Developer | Remote

Mar 2021 - Apr 2021

Map focused application designed to manage incidents, setup, equipment, and assets for ski resorts in North America.

- Constructed multi-page departmental incident reporting and run status map with interactive event options
- Created innovative incident report to greatly improve ski patrol efficiency and guest satisfaction
- Designed MongoDB database to store database models and organize every aspect of the ski resort environment
- Created Node API and server to access all mountain assets
- Configured with Docker compose and NGINX to improve CI/CD pipeline

Food Drop Off | Python Developer | Remote

(1 week) May 2020

Web-based restaurant and customer coordination application aiding Los Angeles small restaurant order deliveries

- Developed login & registration with validation & password hashing on MySQL database with CRUD operations
- Implemented user ordering interface with restaurant integration using the Django framework and Python
- Collaborated remotely within a distributed engineering team using Github, Azure Devops and Slack

Adventure App | React Developer | Remote

(1 week) June - 2020

Outdoor adventure map-based planning application for specific events and routes at a location

- Built map-based dashboard for planning outdoor adventures using [©Adventure Projects API](#) data
- Designed the ability to add stops by date and time to a running list of outdoor adventures.

WORK EXPERIENCE

United States Marine Corps | Intelligence Officer | Oceanside, CA **Aug 2015 - Apr 2020**

- Led shop of 5+ highly intelligent individuals through aviation threat analysis briefings and military operations
- Participated in multiple joint exercises with effective communication and collaboration at all levels of operations
- Oversaw security clearance management of over 400 personnel and managed safety program for over 3000 personnel
- Developed security and motorcycle management database using minimal technologies
- Adapted successfully to various situations of leadership, command culture and operational requirements

Michigan Technological University | Engineering Learning Center Coach | Houghton, MI **Sep 2014 - Apr 2015**

- Provided mentorship and coaching opportunities to over 3000 students
- Helped others through intense problem solving course work
- Courses included: Statics, Dynamics, Thermodynamics, Mechanics of Materials, Fluid Mechanics

Washworld Inc | Mechanical Engineer | DePere, WI **May 2015 - August 2015**

- Provided mechanical engineering support to design changes, supplies, outsourcing, and manufacturing
- Communicated with suppliers for manufacturing and material specifications
- Designed, prototyped, 3D modeled and documented new display sign for dryer timers
- Created drawing and BOM for dryer timer assembly with costing and revision levels

Oshkosh Truck | Pierce | ARFF | Mechanical Engineer | Appleton, WI **May 2014 - Aug 2014**

- Provided engineering support on the Snozzle for the Airport Rescue and Firefighting Engineering (ARFF) Team
- Designed, 3D modeled and prototyped a new center body component on Striker airport firefighting rescue trucks
- Wrote Matlab program to calculate new center body component forces and position
- Supported Stinger rapid intervention vehicle pump station design changes

Kohler Company | Mechanical Engineer | Kohler, WI **Jan 2012 - Jun 2012**

- Member of the Vikrell Engineering Team
- Verified the design and modifications on a UV inspection stand with Matlab code analysis
- Documented full testing procedure for cracks in bathtub and shower walls
- Re-designed test stand to meet Gage R&R requirements for accuracy
- Designed dynamic shower door display stand

SELF DEVELOPMENT

Personal | Internal | United States **Continuous**

Took two years off from formal work to:

- Develop my faith and walk in Christ with Patience, Kindness, Compassion, and Forebearance
- Reconnect with family and friends while converting a Sprinter van and traveling around the United States
- Enjoy time spent with my wife, family and newborn daughter
- Attend a coding bootcamp to transition from Mechanical Engineering to Software Engineering
- Set Goals and Priorities for future life, finances and formal work

EDUCATION

Udemy | Software Development | Virtual | **Continuous**

- Currently Enrolled: JavaScript Algorithms and Data Structures Masterclass (Colt Steele)

Coding Dojo | Full-Stack Developer Certificate | Remote | **April 2020 - July 2020**

- Full-Stack training program where we built 40+ web applications and 3 collaborative projects

Michigan Technological University | B.S. Mechanical Engineering | Houghton, MI | GPA: 3.83 **Sep 2010 - May 2015**

- Member and became president of Michigan Tech's Mini Baja SAE (Blizzard Baja) team.
- Programmed and 3D modeled human powered vehicle gear shifting and power exertion models based on trail map gps data in MatLab