JUSTIN JANISCH

SOFTWARE ENGINEER

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PROFESSIONAL PROFILE

I am a Senior Software Engineer for the University of Wisconsin who focuses on building mobile and web applications for collecting and visualizing research data and educating the public. I have a passion for exploring how technology can support research and education, and I love collaborating with clients to understand their ideas and turning those ideas into impactful applications.

CAREER GOALS

I am looking for a challenging new opportunity to further develop my skills as a Software Engineer.

CAREER SNAPSHOT

- **Senior Software Engineer –** University of Wisconsin - Madison, USA, 2016 – Present
- **Lieutenant –** Cottage Grove Fire Department, USA, 2007 – 2017
- **Web Team Intern –** Dean Health Plan, USA, 2015 – 2015
- **General Manager –** Rowe Pottery Works, USA, 2004 – 2007
- **Programmer / Project Manager –** Timberco, USA, 1998 – 2004

QUALIFICATIONS AND TRAINING

Associates in Mobile Applications Development, 2014-2016
Madison College, USA

Bachelor of Business Administration, 1995-2000
University of Wisconsin, USA

CORE COMPETENCIES

- JavaScript l Typescript
- React & React Native
- Ruby l Rails
- PHP & WordPress

- Vue l HTML l CSS l SCSS
- Ionic l Capacitor
- Swift
- Amazon Web Services

- Angular l Redux l NgRx
- Node l Express.js
- SQL l MySQL l AI Tools
- Docker l Git l Jest

WORK EXPERIENCE

UNIVERSITY OF WISCONSIN SYSTEM (USA)

SENIOR SOFTWARE ENGINEER   2016 – PRESENT

- Met with clients and potential clients to provide technical guidance, clarify objectives and functional data requirements, review project progress, and draft project budget proposals and charters.
- Research and architect solutions that best meet clients' needs.
- Designed and built responsive and accessible user interfaces.
- Designed and built several secure databases in SQL and REDCap.
- Create API endpoints.
- Implemented unit testing and CI/CD processes.
- Lead projects and mentoring of junior and student developers.

- Trained clients on the use of custom software and drafted documentation for custom built application administration.
- Achievements:
    - Designed and built over forty applications ranging from custom WordPress sites to large agile cross-platform mobile applications, web apps, AI chatbots, and Web3 Blockchain nodes.
    - Consistently received some of the highest ratings on UW-Madison client feedback survey.

COTTAGE GROVE FIRE DEPARTMENT (USA)

LIEUTENANT   2007 – 2017

- Directed and supervised crews on incident scenes.
- Responsible for all IT functions. Maintained all computers, servers, ERP system and software, developed reports, and ensured that NFIRS reports were submitted to FEMA.
- Served as Personnel Officer. Responsible for orientation of new candidates, maintaining personnel records, and carrying out staff disciplinary actions when necessary.
- Served as Treasurer. Responsible for creating annual budget and monthly financial reports.

DEAN HEALTH PLAN (USA)

WEB TEAM INTERN   2015 – 2015

- Developed internal web application and API in .Net, which interfaces with Tibco system to pull plan benefit information and create Standard of Benefits Coverage Documents.
- Created an internal web application for developing project estimates.
- Created and maintained SharePoint sites.
- Used Intelledox platform to develop complicated mail merge documents, which could be generated either though a custom user interface or a web service.

ROWE POTTERY WORKS (USA)

GENERAL MANAGER   2004 – 2007

- Promoted to General Manager after Timberco acquired Rowe Pottery Works out of receivership in 2004. Primary responsibility was to streamline the manufacturing operation and cut costs to help make the company profitable.
- Headed up a team responsible for developing new product lines.
- Managed a staff of 35 employees.
- Responsible for creating the annual operating budget and meeting profit and loss targets.
- Managed a team that analysed market, customer, and sales data to develop a marketing and sales plan for targeted demographic customers.
- Achievements:
    - Reduced the cost of goods sold on manufactured items by 20%
    - Modified production processes and warehouse operations which reduced order fulfillment on custom products from 6-8 weeks to 1-2 weeks.

PREVIOUS WORK EXPERIENCE SNAPSHOT

Company	Role	Duration
Timberco	Programmer / Project Manager	1998-2004

REFERENCES

References available on request.