Tim W. Knab  
Seattle Area

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SUMMARY  
**Full stack web application developer/engineer**, experienced in a variety of languages and frameworks: JavaScript MEVN/MERN/MEAN (Node, Express, Mongo, Vue/React/Angular), LAMP (PHP/Hacklang, XHP/React/Flow), Python (Django, Flask) stacks. Skillful knowledge of MySQL/NoSQL databases. Goal-oriented communicator, strong work ethic.

SKILLS  
**Front-End:** Vue.js, React.js, AngularJS, HTML, CSS, SCSS, JavaScript, JSX, Typescript, jQuery, npm, Yarn, Bootstrap, AJAX. **Back-End:** RESTful APIs, JavaScript, PHP, Hacklang, Python, Node.js, Express.js, Flask, Django, Socket.io, CodeIgniter, MongoDB, Mongoose, MySQL, Apache, Nginx, Gunicorn.  
**Additional Skills:** Amazon Web Services, OOP, Mercurial, Git, pip, virtualenv, Linux, bash, MVC, DRY, SEO, DNS, cPanel, Adobe Creative Cloud Suite, gulp, sass.

PROJECTS

**GearList** | *Gear Management Tool* | <https://gearlist.rocks>| <https://github.com/twknab/gear_list_MEVN>

* Gear management tool, includes user login/registration, create/update/delete Gear Lists and Gear Items, attach items to lists, or lists to items; see real time gross pack weight as items are checked off. VueJS/Node/Express/MongoDB.

**HikingTool** | *Hiking Management Tool* | <https://hiking.tools> | <https://github.com/twknab/mean_hike>

* Hiking safety and preparedness tool; includes user login/registration with strong password validation, create/update/delete Hikes, Pre-Trip reports and Post-Trip experience reports. Users can see hiking travel-time estimates and gross stats. Angular/Node/Express/MongoDB.

**FitnessTracker** | *Fitness Tracking Tool* | <https://github.com/twknab/workout_tracker>

* Strength training tracking tool, Python stack. Users can register, login, create a workout and record exercises and repetitions. Django/Python/SQLite

**SockIt! Chat** | *Chat Room Application* | <https://github.com/twknab/sockets_chat>

* Responsive chat room, keeps short-term chat logs (no database), and provides time zone conversions for chat timestamps. Most proud of timezone conversion, and had fun using web sockets. Javascript/Socket.IO

EXPERIENCE

**Perficient, Inc., Technical Consultant, Seattle, WA, February 2019 - Present**Work on site as consultant at Facebook, assist in engineering business solutions utilizing in-house full technology stack including Hack, React/Flow, GraphQL and other technologies. Landed over 200+ commits to the production codebase fixing bugs and building new features.

**Freelance Web Developer, Seattle Area, WA, July 2011 - February 2019**Provided website solutions to small businesses: developed over 12+ logos for small businesses and organizations, managed and built 50+ different client websites, increased form contact submissions by 50% for LocalBurrito.com clients.  
  
**Alki Kayak Tours, Website Manager | Kayak Guide, Seattle, WA, April 2015 - April 2016**Delivered 300+ people stellar customer service on sea kayaking naturalist tours. Performed 20+ website content changes including adding 10+ new calls to action to the website.  
  
**Sesame Communications, Web Producer, Seattle, WA, April 2015 - March 2016**Managed web content for 100+ dentist and orthodontist clients. Eliminated 100+ mobile and responsive web design bugs using CSS media queries. Produced 100+ website hero images, or homepage slider images for client sites. Turned around edits in typically 24-48 hours.  
  
**Mountain To Sound Outfitters, Ecommerce Product Manager, Seattle, WA, April 2015 - February 2016**Added 150+ Ecommerce products to RAIN Retail Content Management System. Migrated 15+ website pages from SquareSpace to RAIN Retail Content Management System.  
  
**Outdoor Odysseys, Kayak Guide, Friday Harbor, WA, May 2014 – September 2015**Delivered 500+ people stellar customer support on day and multi-day sea kayaking tours. Educated 500+ guests on Orca whale biology and local flora and fauna. Managed and organized 10+ tandem kayak, including 20+ paddles and life jackets. Packed and prepared 1-3 meals per day for all guests. Covered up to 30 nautical miles per multi-day trip.  
  
**Wyoming Wildlife Federation, Web Producer, Lander, WY, July 2012 - February 2013**

Managed and updated all web content for Wyoming Wildlife Federation website. Assembled and published 2 newsletters, published 20+ social media and marketing postings.  
  
**National Outdoor Leadership School, Web Content Administrator, Lander, WY, October 2011 - October 2012**Redesigned homepage based on graphic design mock-up. Gathered and invoked all web content changes for National Outdoor Leadership School and Wilderness Medicine Institute. Converted designs from graphic artists into web elements. Developed 2 AdRoll ads reaching 1,000+ impressions. Contributed to a team of 8+ individuals in the Creative Department.  
  
**CompleWare, Help Desk Specialist, North Liberty, IA, September 2006 - December 2007**Delivered stellar hardware and software technical support to 50+ clinical trial doctors and nurses for products seeking FDA approval. Troubleshooted software issues relating to clinical trial runs, and repaired any returned hardware being utilized.  
  
**The University of Iowa, Help Desk Specialist, Iowa City, IA, August 2005 - August 2006**Provided stellar support to 100+ students and faculty at The University of Iowa. Got students and teachers online, removed viruses, malware or spyware from 50+ infected machines. Eliminated 20+ software issues and 10+ hardware issues.

EDUCATION  
**Coding Dojo, *2017-2020****Full Stack Web Development*

**The University of Iowa, Iowa City, IA 2008**

*Bachelors of Sciences, Environmental Science: Biology*

Related Coursework: Elementary Functions, Computer Science I, Calculus I, Calculus II, Discrete Structures

AWARDS  
**Iowa Recycling Association Best Practices Award,** 2008Student recycling work lead to University of Iowa receiving $60,000 DNR grant and Iowa Recycling Association Best Practices Award.

**Student Conservation Parker Gentry Award & Scholarship,** 2008

Awarded student conservation Parker Gentry Award and $700 scholarship.