Xander Bakx

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SUMMARY

Software engineer with full-stack experience developing web and mobile applications in small teams. Graduated from Fullstack Academy in October 2020. I am familiar with a range of languages and technologies with a focus on React and Node.

EXPERIENCE

Test Engineer | Hillrom | Acton, MA | May 2019 – May 2020

• Collaborated on a small team to implement regulatory measures to ensure the continued sales of 20 percent of Hillrom products.
• Performed verification & validation testing on over 200 medical devices to ensure EU MDR compliance.
• Independently developed custom microcontroller-powered system run on C++ code to facilitate life-cycle testing of multiple products.
• Collaborated with the engineering department to determine testing procedures, design changes, product obsolescence, etc.
• Facilitated the shipment and testing procedures of approximately 100 medical devices for ISTA packaging validation testing.

LMS Coordinator | Clarks | Waltham, MA | July 2018 – May 2019

• Provided support to users and assisted in resolving issues relating to LMS access and technical functionality.
• Organized instructor-led training (ILT) schedule and enrollment, eLearning content library, and user group assignments.
• Published, tested, and troubleshoot online custom learning content and oversaw relationships with related content vendors and host providers.

Freelance Web Developer | Self-Employed | July 2017 – July 2020

• Designed, developed, hosted, and maintained responsive websites for small businesses and built static websites with modern technologies including Gatsby, Netlify, React, Styled Components.
• Communicated with clients to improve the design and functionality of current websites and designed logos and edited photos in Adobe Illustrator, Lightroom, and Photoshop.

PROJECTS

Collabio | Side Project | May 2021

• Source code at github.com/xanderbakx/collabiodocs.
• Developed a full-stack web application for users to collaboratively create and edit rich text documents.
• Built an Express server with Auth0 and Passport.js authentication and authorization.
• Created React components with Redux state management and Slate.js rich text library and designed and implemented Mongo database to store document nodes.

Cook'd | Fullstack Academy | October 2020

• Source code at github.com/Do-Jest-While-True.
• Developed a React Native application to view and share recipes and built an Express server with user Passport.js authentication.
• Designed a PostgreSQL database and implemented REST API routes to fetch data and created React components with Redux state management for likes, comments, and recipe feeds.

EDUCATION

Software Engineering Certificate: Full Stack Software Engineer | Fullstack Academy | New York, NY | 2020
Bachelor of Arts (BA): Economics | Management Information Systems | University of Oklahoma | 2016

INVOLVEMENT

Boys & Girls Club of Boston | Tutor | October 2019 – February 2020

• Tutored high school students in weekly 1-on-1 sessions.

University of Oklahoma | Division 1 NCAA Gymnast | 2012 – 2016

• 2015 NCAA National Champions, 2015 MPSF Champions.

SKILLS

Proficient: JavaScript, ReactJS, React Native, Redux, Node.js, Gatsby, Express, HTML, CSS, PostgreSQL, Git

Knowledgeable: Babel, Webpack, MongoDB, Heroku, Expo, Netlify

Some Experience: Jest, Enzyme, Mocha, Chai, Auth0