CHARLIE KELLY
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SKILLS

Languages: JavaScript (ES6), Java, TypeScript, Ruby, Shell, VB
Front End: React, jQuery, SASS, CSS, HTML; **UI:** Bootstrap, Material-UI, MDB
Back End: Node, Express, Rails, Spring; **DB:** Oracle, MySQL, Postgres, MongoDB
Services: GitHub, Netlify, Heroku, Cloudinary, Firebase, AWS S3, FaunaDB, Atlas
Tools: VS Code, Eclipse, Maven, git, Jira, Atom, Grunt, NPM, CLI
Testing: Jest, Storybook, Selenium, Appium, TestNG, RSpec

RELEVANT EXPERIENCE

Code for Boston · January 2019 – Present
Software Engineer (Volunteer)
- Contributed to multiple projects for the betterment of the community, both by writing code to solve specific problems and by reviewing PRs and documenting issues.
- Participate in rigorous Agile process for project development; encourage professional standards among other contributors
- Assist in onboarding new volunteers, explaining workflows and mentoring junior developers
- Projects include:
  - Community Connect: Helps social workers provide resources to clients
  - Harm Reduction: Seeks to reduce overdose incidents by improving public health data
  - BPD Incident Dashboard: Public interface for Boston police incidents

ScoreBase · April 2020 – June 2020
Software Engineer (Consultant)
- Helped finalize UX design for FinTech startup app
- Created authentication and Firebase integration
- Configured CI pipeline for ongoing development and testing

Can't Imagine Why · July 2019 – April 2020
Software Engineer (Principal)
- Created and led design team in building a web site/ application to display and sell art work with no overhead costs and minimal setup, using modular React components
- Leveraged existing free-tier APIs for zero-cost back-end

Live Online Video Learning · April 2019 – June 2019
Software Engineer (Consultant)
- Created TypeScript-based React components for start-up's video tutoring platform using MongoDB and REST APIs
- Developed independent component tests in Storybook for assessing performance outside deployed application; wrote continuous integration and unit tests

We Can Test! · July 2017 – September 2018
QA Engineer
- Developed automated regression test suites in Java for production web and mobile applications using Selenium and Appium implementations with Apache Maven
- Developed CI/CD tests for deployment both locally and with Jenkins and AWS

Asperger/Autism Network · **July 2012 – December 2018**
IT Manager
- Provided operational and development support for technical needs of non-profit, including network management, system integration, database development and maintaining website
- Dramatically improved information security by implementing and administering password management and centralized authentication rules; security remediation tools

Costedio Design · **April 2008 – June 2012**
Technical Director
- Responsible for website development for a variety of small business clients
- Designed and constructed over 20 sites for small business and non-profit customers, using HTML, CSS, JavaScript, and JQuery, as well as PHP, WordPress, and Joomla
- Worked closely with customers to analyze goals and discuss options based on range of budgets
- Directed and oversaw duties of additional web programmers and subcontractors
- Participated in creative design process as well as planning best technical approach

OpenService · **January 2007 – April 2008**
Senior Software Engineer
- Principal front-end developer for an enterprise network security and threat detection suite, using Java/JSP, XML/XSL/XSD, and SOAP on MySQL backend, running on Apache Tomcat
- Developed complex components based on XML specifications using JAXB
- Converted Applet-based interface into completely new platform using Java Server Faces
- Advocated and successfully achieved migration of product away from applet-based interfaces towards Ajax, resulting in significant improvement in customer satisfaction

Mediasurface · **May 2006 – January 2007**
Software Engineer
- Worked with project team to design and implement custom public-facing Content Management System for Thomson-Reuters (now Reuters)
- Quickly mastered API for proprietary CMS platform
- Integrated into team of consultants and client employees to build brand new public website for multinational media giant within narrow timeframe
- Built numerous JSP-based components to plug into framework
- Documented and thoroughly tested hundreds of individual components within framework
- Principal developer on integrated Java-based email broadcaster to notify hundreds of thousands of customers about important updates

Coface Services · **August 2003 – October 2005**
Software Engineer
- Developed over 20 internal business applications based on Oracle back-end with VB or JSP
- Projects ranged from tiny VB/MS Access apps that offered users access to database, to enterprise-wide web-based reporting solutions
- Went above and beyond project requirements by creating enjoyable user experiences

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EDUCATION

Web Development Immersive, General Assembly Boston   2019

BS, Information Systems, Charter Oak State College   2017