IAN HARDING

Senior Software Engineer

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Summary

Creating code marvels with expertise.

A results-oriented software engineer with 10+ years of expertise in **web and mobile development**. Specializes in building and optimizing user-focused websites and applications. Professional engineering background with a **Bachelor of Science (B.Sc.)** in Computer Science. Enthusiastic about using technology for innovation, bring a **'get-it-done'** spirit to every project. Love family, friends and sports.

Education

San Diego State University

B.S. in Computer Science   08/2014

Experience

Quality IT   Carlisle, England

Frontend Team Lead   01/2022 - Present

- Mentored and provided **technical guidance** to an engineering team of 10+ members.
- Spearheaded the **transition of online meeting platform** from PHP, DailyJS old stack into modern NextJS, Python Flask, and LiveKit-based architecture, resulting in a remarkable 300% increase of client company's revenue.
- Implemented high-performance RESTful API endpoints using Node.js and Nest Framework.
- Designed Postgres database for **microservices** and optimized its performance by implementing advanced indexing strategies and query optimization.
- Led and participated in the development of **various web and mobile applications** such as Renude, Relik, and Droneblocks using cutting-edge technologies, including React, React Native, Next.js, Node.js, Golang, Python, and Laravel.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Strong background in **cloud computing**, including AWS, GCP, Docker and Kubernetes, proficient in designing and implementing cloud architectures, deploying and managing applications.
- Worked on **CI/CD tools** like Jenkins to automate the build process from version control tool into testing and production environment.

Velocity Global   Denver, CO

Senior Software Engineer   05/2020 - 12/2021

- Served as one of the lead engineers in the development of **Customer Experience Platform**(CXP)-SaaS product of the company with a team of senior developers leveraging React, NextJS, Golang, GraphQL, Docker, and AWS.
- Developed **RESTful webservices and microservices** using Golang for reading large volume of data from Postgres database.
- Laid and designed architectural foundation of GraphQL layers for transport route optimization and billing automatization.
- Built a **semi-auto mechanism** which synchronously migrates CXP database into Glean data source using React, Node, Python and Glean APIs, resulting in a 30% improvement in speed and accuracy of data searching.
- Participated in the development of **Document Management Platform**(DOCX), providing AWS Lambda, FormKiQ and OPA solutions, and building **high-performance RESTful APIs** using TypeScript and NodeJS, handling an average of 1,000 large-scale requests per hour.
- Collaborated with staff and principal engineers to provide **proof of concept**, **TDD**, and design and develop robust solutions to meet product requirements.
- Worked on managing the Git workflow, reviewing the **completed tasks** and conducting the **code reviews**.
- Mentored less experienced team members to follow the advanced development principles and methods.

Experience

Fireart Studio
Warsaw, Poland

Frontend Team Lead
05/2018 - 04/2020

- **Managed the software development life cycle** for a major project ensuring timely delivery and meeting all project milestones
- **Overseeing** the **development** of **responsive and intuitive user interfaces** using TailwindCSS Components, MUI, Ant Design for 25+ projects & applications
- **Led marketplace mobile application** using React Native, Context API, React Navigation, Firebase, Jest, ESLint, PayPal, React Native Elements from scratch with develop team
- **Migrated existing old Angular projects to React** using React Hooks, Redux, Typescript, TailwindCSS, Styled Components and configured the front-end application architecture
- Developed **BOTs** for car renting and property management services using Chatfuel, Facebook, and Dialogflow BOT frameworks for Facebook Messenger
- **Implemented a robust testing strategy** with unit testing to a 30% reduction in bug-related delays and a 25% increase in overall code quality

Xfive.co
Krakow, Poland

Full Stack Developer
11/2016 - 05/2018

- **Unified the transition** of a legacy web application from LAMP stack to modern React based architecture, resulting in a 30% improvement in code maintainability, reusability and a 30% reduction in the number of bugs reported
- Played key role in **development** of 10+ robust **full-stack web application** using Django, Vue.js, Vuex, Vuetify, PostgreSQL, Docker for educational institutions
- Take part in **development mobile app** using Flutter, Dart, Google Maps API, GraphQL for a travel agency
- **Managed AWS production environments** for both a React web app and Node.js back-end, optimizing performance and scalability
- Use the latest features of **C#** and **.NET**, like async/await for asynchronous programming, .NET Core for dependency injection, and NUnit for unit testing, to create code that is high-quality, easy to maintain, and meets business requirements
- **Supported the CTO** with various management tasks as high-level architectural decisions

Infobip
London, UK

Web Developer
11/2014 - 10/2016

- Built user interface, kanban board, data visualizations, and designed overall user experience
- Developed web applications using sophisticated JavaScript frameworks, as well as frameworks such as Laravel, Django, Flask, and Spring
- Implemented UI for visualization Nested Sets structure of documents display in a drag & drop file structure, files and folders view, creation, deleting, and editing
- Build mobile app with React Native
- Provided **powerful support** to senior developers after becoming proficient in React and frontend technologies, resulting in a stronger, more efficient tech team
- Wrote high-quality code which covered 100+ unit and e2e tests to verify the functionality of UI components and overall workflow

Skills

Full Stack Development · Front End Development · Back End Development · Mobile App Development · Cloud Platform · Agile Methodology · Time Management · Problem Solving

Strengths

Code Mastery
Able to craft digital magic with expertise in web and mobile development

Innovative Technology Use
Enthusiastic about using technology for innovation and bringing a 'get-it-done' spirit

Team Leadership
Improved productivity by mentoring developers, leading to increased professional growth