

Kristian Loneragan

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SUMMARY

Highly skilled and motivated Senior Frontend Developer with extensive experience in developing and testing software applications. Proficient in React, Typescript, Material UI, and CSS. Skilled in Agile methodologies and experienced in leading code reviews and enforcing coding standards. Proven ability to work independently or as part of a team and to build relationships in both workplace and social environments.

EDUCATION HISTORY

Bachelor of Science (Hons) Computer Science Infrastructure **2012 – 2016**
School of Computing, Dublin Institute of Technology, Kevin Street, Dublin 8.

- Second Class Honours, Upper Division (2:1)

WORK EXPERIENCE

Senior Frontend Developer at Rezexe (start-up) **March 2020 – Current**
Digital Centre, 12 Camden Row, Dublin 8

Engaged the role of a senior frontend developer within Rezexe. Working on this project involved conducting the following tasks:

- Collaborated with the product owner/CEO and a UX designer to define future requirements and features, and created user-friendly UX designs to implement these features.
- Created interactive mock-ups using Adobe XD to gather user feedback, and implemented the features using Typescript, React, and Material UI.
- Built CI/CD pipelines, including adding unit tests using JEST and react-testing-lib, and end-to-end tests using Cypress.
- Operated in an Agile development environment, creating epics, stories, and tasks for upcoming features, and delegating work among the frontend developers on the team.
- Defined coding standards and conducted code reviews to ensure adherence to these standards.
- Mentored junior developers, providing guidance on best practices and feedback through code reviews, as well as assistance when they faced challenges.
- Ensured that Rezexe's applications supported key features such as localization from the outset.

Software Developer at IBM **May 2017 – July 2019**
IBM Technology Campus, Damastown, Dublin 15

Engaged the role of a software developer where I worked on two projects: Waternamics (WOW) and Cognitive Cities Solutions (CCS). Working on these projects involved conducting the following tasks:

- Designed mock-ups/wireframes using Balsamiq for new upcoming features
- Operated in an agile development environment (i.e., daily scrums, retrospectives etc...)

- Implemented features for the Waternamics application which involved writing code using Dojo (IDX), JavaScript, CSS, Java (server side), Shell Script/Bash, Ant
- Implemented features for the CCS project using React, Redux and JavaScript (ES6)
- Created unit tests using Jest and Enzyme allowing for regression testing and ensuring excellent quality code
- Worked closely with the test team and other developers to deliver robust, performant and reusable features
- Functioned as a mentor for new developers introduced into the team. Shared my knowledge of the product, the development process and provided advice of the coding standards and patterns followed by the team
- Lead and conducted code reviews providing useful feedback to my colleagues in accordance with the coding standards set out by IBM and the Waternamics team
- Worked closely with the Information Development (ID) team to provide clear instructions on how to use our software and how it works
- Demonstrating new features to the entire team at the end of each Sprint

Software Test Engineer at IBM

October 2016 – May 2017

IBM Technology Campus - Damastown, Dublin 15

Engaged the role of a software test engineer for the Intelligent Water Operations (IOW) project which demanded the following:

- Designed, created, and executed manual test cases against developer stories. Created defects as applicable where bugs were discovered during testing.
- Automated test cases using Selenium, written in Java, formally reviewed in accordance with IBM coding standards.
- Maintained builds and security on work environments (RedHat VM's), applied patches as they were published to stay within IBM mandatory compliance
- Ran automated test suites against latest builds, reviewed and refactored any failed tests

Software Engineer Intern at IBM

June 2014 – October 2016

IBM Technology Campus - Damastown, Dublin 15

Engaged as a software engineer intern, balancing college assignments and work in IBM. Operated mainly on the same tasks as the Software Test Engineer, with a focus on automation. Monthly reports and feedback on progress were sent and reviewed by the college.

SKILLS PROFILE

Technologies

- JavaScript / Typescript
- HTML
- CSS
- SQL (PL SQL)
- Java (basic)

Frameworks/Libraries

- React
- Material UI
- React Query
- GraphQL / Apollo Client
- Cypress

Tools

- GIT
- Adobe XD / Balsamiq
- Jira
- Jenkins
- Docker

REFERENCES

References available on request.