# Robert Whalen

## Proficient React and Full Stack Developer

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## SUMMARY

Organized and self-motivated tech nerd turned software engineer graduate with 2+ years combined internship and professional experience. Fluent in JavaScript / TypeScript, NoSQL, ReactJS, CSS and pre-processors with experience in a deep set of languages, processes and frameworks. Possess practical working knowledge of relational databases using MySQL, Cloud Development, and Agile Development. Constantly updating personal and professional technical skills with any courses I can get my hands on to push to repositories, some of which are available for public consumption. Reliable and responsible team player. Highly malleable to the task at hand as proven by my history in DevOps and CICD, a branch of Computer Science that is rapidly changing the landscape of computing infrastructure.

## MOST RELEVANT WORK EXPERIENCE

### Software Engineer Intern
09/2021 - 04/2023

#### Ivanti

Worked in a well-respected and long established DevOps team in developing, testing, and ensuring the robustness of key internally used applications and infrastructure

- Developed reusable React.JS components for an internally used webclient, both "cleaning" up the repository under the principle of DRY, and having a major part in taking an intern-led small-scale application all the way to having it's name known and recognised company wide across all owned subsidiaries for it's usability and integrations.
- Optimized overall performance of our API, reducing average loading time by 60% across different web browsers by optimising our production Docker container and implementing appropriate promise handling on our frontend.
- Set up more than a dozen cronjobs that both actively maintained our data and performed actions that had implications for all of engineering company wide.

### Associate Software Engineer
05/2023 - Present

#### Ivanti

After progressing as an intern in my final year of university, I was offered a full-time position to commence post-completion of the work for my BSc Computer Science course 5 months in advance

- Adapted the frontend of our web client to use a variety of tools (most notably TypeScript, MUI and tailwindcss) to deliver a revamped modern UI / UX to our users which has since been internally universally praised.
- Built and launched an ideation forum for engineering to voice their opinions / suggestions on ongoing DevOps developments within the company.
- Liaised with security teams to implement code scanning created by multiple 3rd part vendors in pipelines company wide.
- Took on admin responsibilities in a GitHub organization with 3000+ repositories and growing to actively maintain, developing scripts and cronjobs to keep everything in line with company policies such as committing pre-configured GitHub Actions.
- Mentored 2 fresh interns into becoming excellent and technical full stack developers, maintaining daily contact and aiding them in progressing their careers, where they are currently working part-time at Ivanti during their final year of university.

## EDUCATION

### Bachelor's degree in Computer Science
2019 - 2023

#### Liverpool John Moores University

- Graduated 1st class (79%) with honours

### A-Level
2016 - 2018

#### Chesterfield Sixth Form

- Studied Mathematics, Further Mathematics and Physics and attained their respective A-Levels

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ReactJS · JavaScript / TypeScript · Node ·

SCSS · HTML5 · Redux · NoSQL ·

Database Design · Docker · CICD · Python ·

Java · MUI · Cloud Computing ·

Performance Testing · DevOps ·

Kubernetes · UI / UX Design

## STRENGTHS

### ♥ MERN Stack Proficiency

Strong expertise in ReactJS, TypeScript, SCSS, NoSQL and Node. I have proven experience in developing and optimizing UI components

### ♔ Problem-Solving Skill

Strong ability to debug code, troubleshoot issues, and implement robust, low complexity solutions to coding problems.

### ♥ Team Collaboration

Skilled at working collaboratively with a team in development owed to my social skills acquired through years of prior customer service roles and clear communication across several time zones.

### ♦ Adaptability

Throughout both my education and work experience I have been forced to learn complex skillsets in a short amount of time, coming from a DevOps background where the landscape is ever changing, a strong sense of adaptability has been imparted

## PASSIONS

### ♀ Continued Learning

"Once you stop learning you start dying" is a quote that resonates with me as I always look to further myself both personally and professionally through courses on platforms such as PluralSight and LinkedIn Learning

### ✔ Problem Solving

I find immense satisfaction in tackling complex coding problems and implementing robust solutions to them. In software, it is easy to do something but it is hard to do something right!