

## Cian P. Keeney

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### Work Experience

**KPMG** 1 Stokes Place, St Stephen's Green, Saint Kevin's, Dublin 2, D02 DE03      September 2023 – Present  
Software Engineer

- Contributed to internal financial tools and microservice-based systems at KPMG, resulting in a 62% improvement in user productivity.
- Built scalable internal budgeting and reporting tools for KPMG as a full-stack developer, leveraging **Python**, **JavaScript**, and **SQL** to develop and maintain end-to-end solutions.
- Authored detailed **JIRA** tickets for backend bugs and feature enhancements, improving task clarity and facilitating smoother collaboration among developers.
- Mentored junior developers on full-stack best practices, including database design, **API** development, and frontend architecture, promoting clean, maintainable, and efficient codebases.

**Grokker** 560 S Winchester Blvd. Suite 150, San Jose, CA, 95128      May 2023 – July 2023  
Software Engineer Intern

- Enhanced software performance and resource efficiency by strategically applying **regex** techniques to optimize critical algorithms and refine data structures.
- Collaborated with cross-functional teams to troubleshoot and resolve complex software issues, fostering collaborative **problem-solving** environment.
- Participated in regular knowledge-sharing sessions. Keeping the team updated on the latest industry trends and emerging technologies.
- Contributed to the development of **scalable** and **maintainable** code by adhering to best practices and coding standards.

**Grokker** 560 S Winchester Blvd. Suite 150, San Jose, CA, 95128      March 2022 – December 2022  
Software Engineer Intern

- Improved Grokker's enterprise dashboard latency by 93% by implementing **React** framework and **REST API** calls.
- Optimized backend services and server performance by integrating **Node.js**, improving response times and streamlining **API** workflows.
- Designed **REST** backend server pulling enterprise data from **AWS S3** enabling the dashboard data to be available in the React frontend for customer analytics.
- Proficiently trouble shot complex technological issues solving real world problems in a fast paced startup environment.

**cPacket Networks** 2130 Gold St #200, San Jose, CA 95002      June 2021 - September 2021  
Software QA Intern

- Analyzed network traffic using cStor product to verify the **TCP/IP** protocols and packet integrity were meeting requirements.
- Manually tested features on the latest software builds for the cStor product.
- Communicated with QA and DEV teams on a daily basis during scrums to ensure that progress was being made using **JIRA** to track and close out bugs.
- Mentored new interns and new hires on the products and services that cPacket offer.

**cPacket Networks** 2130 Gold St #200, San Jose, CA 95002

June 2020 - September 2020

Software Developer Intern

- Developed software programs to test the cStor product which is a networking device to capture, record, replay, and analyze network traffic for security and performance.
- Demonstrated proficiency in **Python** programming and conducted usability testing.
- Incorporated the use of **web API's** to improve the level of automation.
- Communicated project progress with clear and concise presentations to senior management.

## Projects

### **Final Year Project**

- Native **iOS** chat application enabling students, lecturers, and other university staff to communicate internally.
- Performed Login/Logout/Signup function using the **Canvas LMS REST API** in combination with **Firestore Authentication**.
- Integrated iOS client app with **Firestore** for real-time communication.
- Used **Cocoa Pods** to manage dependencies in the application architecture.
- Worked with **Git** to checkout and update codebase changes.

### **File Types Application**

- **Android Java Application** containing 4 activities.
- The customized list that became a **RecyclerView** showed icons, names and two subtitles.
- The data is store in an xml file for **XML parsing**.

### **Corona Virus Tracker – Personal Project**

- **React Web Application** using **React Hooks**, **Material UI** React component library, and **Charts.js** for the graph that displays the infected, recovered, and deaths of Corona Virus.
- The web application uses an **API** that provides a JSON object that can be parsed and displayed in the **React Web Application**.
- The application uses **Async** and **Await** to have the data be able to display on the webpage.

## Education

**University of Wolverhampton | MSc Artificial Intelligence (Part-time)**

**Class of 2026**

Wulfruna St, Wolverhampton WV1 1LY, UK

September 2024 - Present

**University College Cork Ireland | BSc (Hons) Computer Science**

**Class of 2023**

College Rd, University College, Cork, T12 K8AF

September 2019 - May 2023

**C Programming with Unix/Linux Professional Certificate**

**May 2021**

## Reference

**James Caratozzolo**

*Director of Software Engineering*

*Grokker*

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