

David Kiarie.

Email david@kiar.ie

Phone (312) 358 1270

Skills.

- Proficient in JavaScript (Node.js and React). Comfortable with Ruby and Python.
- Strong knowledge of web app development using MVC and RESTful web services.
- Solid understanding of algorithms, data structures, object oriented systems design.
- Excellent communication skills, both written and verbal.
- Some functional programming knowledge, some experience working with Haskell.

Work Experience.

Software Engineer (Nov 2018 - May 2019) - Future Finance (Chicago IL, USA).

Software Development Intern (Feb 2017 - Apr 2018) - Future Finance (Dublin, Ireland).

- Developed RESTful APIs using Node.js and rails, deployed to production as part of a micro-services architecture.
- Developed React components for the front end.
- Owned and built a Python tool to analyze React code coverage reports which discovered a need for a major refactoring of the frontend codebase.
 - My findings and subsequent changes dropped the coverage test running time by 90%.
- Migrated endpoints from an Express based legacy API to a new production API using the Sails MVC framework.
- Owned, designed and developed a Node.js tool to migrate projects Pivotal Tracker to Jira.
- Integrated Auth0 on a rails server to handle authentication for internal company web services.
- Built a prototype chrome extension to help the QA team audit new features.
- Developed using agile methodologies, TDD, daily standups and code reviews.
- Worked with an international team and utilized time management skills to work with teammates in different timezones.
- Collaborated with the data science team using Python for web scraping and data cleaning projects.
- Designed and built a service for naming new git repositories within the company using Haskell.

Technologies used. JavaScript (Node.js, React, Sails, Express), Ruby on Rails, Python, Haskell, PostgreSQL, SQL Server, Linux, Circle CI, Git.

Student Engineer (Summer of 2013, 2014 and 2015) - FDT Consulting Engineers & Project Managers (Dublin, Ireland).

- For Summer work during school I worked on site at the Guinness brewery in Dublin where I built tools to automate data cleaning and data entry using Visual Basic.

Education.

BSc. in Computing with Software Development.

Institute of Technology Tallaght, Dublin, Ireland. Graduated Nov 1st, 2018.

Significant Projects Undertaken.

- Code plagiarism detector (C++).
 - Analyzed project files to identify similar data structures, algorithms and function signatures.
- Home Automation RESTful API server (Node.js).