**DANIEL P. KILCULLEN**

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**EDUCATION**

**Flatiron School,** Remote

*Full-Stack Software Engineering Bootcamp*  April 2022

* Completing Flatiron’s 15-week program in full-stack software development, becoming familiar with the fundamentals of full-stack web development, software architecture, and sound development practices
* Demonstrating knowledge retention through the creation of three full-stack applications which demonstrate concepts and features such as RESTful routing, full CRUD, persistence to a relational database, responsive front-end design, integration with external data sources, and more

**Indiana University, Kelley School of Business**, Bloomington, IN

*M.S. in Information Systems* (GPA: 3.5) May 2019

* 4th Place (of 12 teams), Tableau / SAP Data Visualization Case Competition

*B.S. in Business: Information Systems, Operations Management, International Business* (GPA: 3.3) May 2018

* IU Provost’s Scholar
* Columnist and Opinion section editor at the *Indiana Daily Student* – Fall 2016 - Spring 2017

**EXPERIENCE**

**Tyler Technologies,** Remote June 2020 – November 2021

*Implementation Consultant — iasWorld*

* Served eight Minnesota counties as they migrate to iasWorld, Tyler’s property tax and appraisal management solution and configuring the system according to client specifications and Minnesota property tax law
* Facilitated the conversion of client tax data into a relational database and validating converted data against source tables to mitigate data loss
* Led end-user training sessions on various highly technical topics related to Minnesota property tax extension
* Managed the requirements-gathering, design and testing for three major system customizations
* Member of the development planning PMO committee, aiming to produce more accurate forecasts of development team capacity multiple quarters into the future using Excel models and a Power BI dashboard

**Hitachi Vantara (f.k.a. Hitachi Consulting),** Chicago, IL August 2019 – May 2020

*Consultant — Product Engineering Services*

* Developed a graph database proof-of-concept on Neo4j using a Medicare claims dataset to detect possible fraud based on the types of claims submitted and the Jaccard similarity between physicians
* Led the Hitachi Core Pulse program for the Americas, serving as a liaison between newer hires and the firm at-large, and conducted “Fireside Chat” events to gather feedback from members of the Chicago office
* **Client: Global Engineering, Procurement, and Construction (EPC) firm**
  + Supported the technical lead in documenting technical system specifications, design patterns, and development guidelines for the pilot implementation of a three-year, $150 million digital transformation effort under a compressed timeline
  + Facilitated routine requirements-gathering meetings with and elicited feedback from several key client stakeholders in the U.S. and New Delhi, India
  + Developed “train the trainer” resources to onboard new developers to the project

**SKILLS**

**Technical**

* JavaScript (React), Ruby, Rails, SQL / RDBMS, Neo4j, R, Tableau, Power BI, Amazon Web Services, Google Cloud Platform, object-oriented programming, microservices architecture, MS Office Suite

**Functional**

* Agile delivery (scrum, Scaled Agile / SAFe), requirements gathering, technical documentation, Engineering, Procurement, and Construction (EPC) industry

**ADDITIONAL**

* AWS Certified Cloud Practitioner (earned October 2019)
* Eagle Scout, Boy Scout Troop 170