

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