

Jon Kruger

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Technical Leadership // Software Solutions // Agile Coaching

Technical leader with a track record of creating and leading high performing development teams, developing cultures of empowerment, and cultivating technical excellence. 10+ years of experience leading and architecting large Agile software projects and coordinating all aspects of a project's lifecycle. Strong development background with a focus on proactively helping teams create cutting-edge solutions that stand the test of time.

Career Experience

Director, Data Science, York Risk, Dublin, OH (2019 – present)

- Tasked with starting a data science and advanced analytics team. My responsibilities include hiring data scientists, evangelizing data science capabilities to the business, finding ways to create value with data science, and designing and implementing data science solutions.

Director, Application Development, York Risk, Dublin, OH (2017 – 2019)

- Took over a failing project, we re-established trust with the business and got development back on track using increased communication, agile process refinements, empowering the development team, and restructuring of code patterns.
- Led a team that developed a Python-based machine learning solution to predict the total cost of insurance claims. The team created user interfaces and reports that were used by claims managers and clients to proactively reduce claim costs for one of our largest clients.
- Leader of two software development teams working on several different projects (both local and remote workers). Managed developers, testers, business analysts, designers, and project managers and provided technical and architectural guidance.
- Worked with our architecture team to create shared services and evaluate third-party tools for use within the enterprise.

Independent Consultant, IGS Energy, Dublin, OH (2011 – 2017)

- Helped the team adopt agile practices, including test-driven development, automated acceptance testing with SpecFlow, involving the QA team earlier in the process in "three amigos" meetings, sprint retrospectives, iteration planning, and bi-weekly releases.
- Worked with other technical leaders to help define guidelines for system architecture, best practices, and system integrations.
- Managed project schedules and timelines and tracked project metrics.
- Led sprint planning meetings and tracked day-to-day work of the project team.
- Developed features and automated acceptance tests as a member of the development team.

Independent Consultant, JP Morgan Chase, Columbus, OH (2010 – 2011)

- Managed project initiatives, including providing estimates, assigning work items, gathering requirements, creating test plans, and leading the development effort.
- Developed features using Ruby on Rails, RSpec, and Cucumber.

Project Engineer/Independent Consultant, Avizent, Dublin, OH (2007 – 2010)

- Provided technical guidance and oversight for the development team of a large insurance claims system rewrite with over 20 team members in an Agile environment.
- Coordinated all aspects of project development, including application development, system architecture, project management, QA testing, help documentation, requirements gathering, deployment, release planning, and production support.

Additional Experience

- Project Engineer / Mentor, Quick Solutions (now Fusion Alliance), (2006 – 2010)
- Software Developer, Creative Solutions (now Thomson Reuters) (2002 – 2006)

Technical Background

- 15+ years of experience as a developer, mostly in C#/.NET, Ruby on Rails, and JavaScript
- Conference speaker at various events including CodeMash, Path to Agility, Stir Trek, and local user groups on a variety of topics relating to software development, automated testing, and agile practices
- **Languages:** C#/.NET, .NET Core, Ruby, Python, JavaScript, TypeScript, Node.js
- **Data Science:** Python, Pandas, NumPy, scikit-learn, XGBoost, neural networks
- **Databases:** SQL Server, Oracle, MongoDB, MySQL, Postgres
- **Frameworks/Tools:** React/Redux, Angular 6, Ruby on Rails, CSS/SCSS/LESS, ASP.NET MVC/Web API, Jupyter, MSMQ, Entity Framework, AutoMapper, StructureMap, Ninject, SSIS, TeamCity, Octopus, Jira, Git
- **Testing:** Jasmine, Mocha, RSpec, Cucumber, SpecFlow, Rhino Mocks, Moq, NUnit, MSTest, Selenium, Watir

Education

The University of Toledo, Toledo, Ohio (1998 – 2002)

B.S., Computer Science and Engineering

Minor in Business Administration

GPA: 3.79