

# BEN SCHOENFELD

(612) 750-5693  
b.schoenfeld16@gmail.com  
<https://benschoenfeld.com>

<b>Consultant</b>	<b>Object Partners / Improving</b>	<b>March 2021 - Present</b>
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- Implemented new look and feel for media player used in online exams.
- Architected and developed several backend services used to deliver online exams in test centers that do not have consistent internet connection

- Architected and implemented a redesign of an internal rules engine from Java to C++.
- Created and maintained a reusable Jenkins CI/CD pipeline for C++ projects used across the entire team.
- Deployed, maintained, and actively monitored Kubernetes containers for multiple applications.

- Reduced deployment time by converting monolithic APIs into several micro-service APIs.
- Improved deployment process by implementing Jenkins Pipeline as Code drastically lowering the learning curve for deploying applications.
- Designed and Implemented several services/applications from backend REST APIs and batch jobs to front facing admin tools.
- Led culture shift to implement company best practices for every layer in our technology stack.
- Created Splunk dashboard for monitoring success rate of APIs.

- Modernized legacy Spring APIs into Spring Boot APIs built on top of Spring Cloud Netflix.
- Individually increased unit test coverage from 5% to 50%.
- Piloted the adoption of cypress.io for end-to-end testing.

- Developed user interface using JavaScript, HTML, CSS on top of a content management system.
- Developed back end APIs with ASP.NET Core accessing Microsoft SQL Server databases.

- **Languages:** Java, C/C++, JavaScript/TypeScript, HTML/CSS, SQL, Bash, Python
- **Frameworks and Libraries:** Spring/Spring Boot, Spring Cloud Netflix, React, Node.js, Next.js, Apollo Client, Apollo Server
- **Tools:** Docker, Kubernetes, Kafka, Jenkins, Git, GraphQL, Splunk, IntelliJ IDEA
- **Databases:** MongoDB, MySQL, PostgreSQL, Microsoft SQL Server
- **Operating Systems:** macOS, Linux, Unix

## EDUCATION

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Duluth, MN

University of Minnesota

Fall 2013 – May 2017

- B.S. in Computer Science. GPA: 3.7/4.0
- B.S. in Mathematics. GPA: 3.8/4.0
- Cum Laude