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BEN SCHOENFELD

PROFESSIONAL EXPERIENCE

Consultant	**Object Partners / Improving**	**March 2021 - Present**

Pearson Education
- 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.

Sr. Software Engineer	**UnitedHealth Group**	**January 2020 - March 2021**

UHG Research and Development, Individual Health Record
- Architected and implemented a redesign of an internal rules engine from Java to C++.
- Created and maintained a reusable Jenkins CICD pipeline for C++ projects used across the entire team.
- Deployed, maintained, and actively monitored Kubernetes containers for multiple applications.

Software Engineer	**Optum**	**June 2018 - January 2020**

OptumHealth Technology, Behavioral Health
- 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.

Tech Dev Prgm Sr Assoc	**Optum**	**January 2018 – June 2018**

OptumHealth Technology, Behavioral Health
- 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.

Tech Dev Prgm Sr Assoc	**Optum**	**June 2017 – December 2017**

Prior Authorization Source of Truth Web App
- 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.

TECHNICAL SKILLS

- **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

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