

Joseph Scherreik

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EDUCATION

Drexel University, College of Computing and Informatics

Bachelor of Science in Software Engineering

Major: Software Engineering

Philadelphia, PA

Graduation: June 2022

PROFESSIONAL EXPERIENCE

Metropolitan Companies

Software Developer

Wyomissing, PA

April 2025 – Current

- **Redesigned tech stack:** Led the overhaul of the company's internal software solutions by migrating from legacy Spring applications to a modern stack based on **Supabase, Next.js, and GitHub Actions** for CI/CD, streamlining development and release workflows.
- **DevOps optimization:** Spearheaded the transition from Windows VMs to **Proxmox**, improving infrastructure performance, scalability, and cost-efficiency.
- **Open-source integration:** Implemented self-hosted solutions using existing OSS, including website hosting, storage buckets, and automation workflows, reducing reliance on third-party services while increasing control and flexibility.

Klish Group

Technical Developer / Analyst

Remote

September 2022 – December 2024

- **Designed and developed Next.js apps**, implementing complex features to manage dynamic data, while also ensuring internationalization (i18n) support and **GDPR** compliance for regional users.
- **Collaborated with cross-functional teams** to build and deploy applications for customer projects.
- **Upgraded and optimized Flint Translation** (Java Spring), for multi-language support across platforms.

Lula

Software Engineer

Philadelphia, PA

June 2020 – September 2020

- **Analyzed and researched market competition for new startup.**

- **Developed and tested iOS/Android application** using **React Native** from scratch.

- Synthesized back-end and API on Amazon Web services including **RDS, AppSync, and Lambda**.

Vybe Technologies LLC

Software Engineer

Philadelphia, PA

March 2020 – May 2020

- **Maintained an iOS/Android application using React Native and Redux.**

- Progressed and improved application's back-end on Amazon Web Services.

- Collaborated with development team to complete weekly development sprints.

Drexel University IT Department

Junior Developer

Philadelphia, PA

March 2019 - September 2019

- **Developed, tested, and deployed web applications** for Drexel One Portal using **Java Spring, SQL, & Docker**.

- Designed solutions with development team to solve problems.

- Learned usage of IDE's such as **IDEA Ultimate, Rider, and DataGrip** from Jet Brains.

PROJECT EXPERIENCE

Health Insurance Portal | Klish Group

Designer & Developer

Remote

September 2022 – December 2023

- **Developed and optimized a user-friendly Health Insurance Portal using Next.js and Java Spring**, enabling users to easily view, manage, and modify their insurance policies and account information.
- **Implemented secure authentication and data encryption features** to ensure the protection of sensitive health and personal information, meeting compliance with HIPAA standards.
- **Collaborated with cross-functional teams** in different departments of the stakeholder's corporation.

Senior Design Project | Baseball Card Database

Lead Developer & Project Manager

Philadelphia, PA

September 2021 – June 2022

- **Designed web scrapers in Python**, parsed data into Postgres schema, and built Java Spring UI admin portal.
- Hosted on AWS EC2, RDS, API Gateway, Lambda, DatsSync, Elastic Beanstalk, S3, EFS, and Docker.
- **Managed development team for weekly sprints** and progress meetings with the project's stakeholder.

TECHNICAL SKILLS

- Full-Stack Development, DevOps, Web Development, RESTful Web Services
- Java, C#, Python, JavaScript, HTML, CSS, .NET Core, Spring, Node.js, React.js, React Native, Next.js
- SQL, MySQL/MariaDB, Postgres, NoSQL, DynamoDB
- Linux, Git, Docker, AWS, Vercel, UML, Jenkins, Shopify, Slack, Github, Proxmox