

Joey Bechard

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SUMMARY

I am a highly motivated software engineer with a deep passion for solving technological problems and experimenting with software. I enjoy working on full-stack development- specializing in distributed, micro-service-based backend development and infrastructure. Most of my experience is primarily in the Java/Spring ecosystem.

EDUCATION

University of Connecticut, Storrs, CT, May 2021, Computer Science & Engineering BS, Mathematics Minor - *Summa Cum Laude*

Overall GPA: 4.00/4.00

WORK EXPERIENCE

Nelnet Diversified Solutions, Rocky Hill, CT, 2019 - Present

IT Software Engineer

- Develop and support fourteen different web applications for a loan servicing platform
- Work with distributed Java/Spring based backend applications with JavaScript/JSP based front-ends.
- Lead efforts to containerize and migrate applications from legacy application servers to containerized platforms
- Developed solutions for supporting a multi-tenancy model with Spring managed transactions across SQL Server and DB2 (AS400/iSeries) databases
- Practiced various forms of unit and performance testing to automate processes with resiliency and accuracy

University of Connecticut, Storrs, CT, August 2019 - May 2020

Undergraduate TA

- Provided students with assistance in the Computer Architecture/Computer Networks courses.
- Graded student assignments and provide feedback with a consistent and timely turn-around.
- Worked with course professors and graduate students to coordinate assignments and exams.

NOTABLE SIDE PROJECTS (<https://github.com/bechardj>)

- LC Tool - Passion project used by research students at my alma mater. Used for experimenting within the modern Java & Spring ecosystem as well as distributed state
- Routed Mappers - POC for routing MyBatis mappers to multiple databases using reflection, with support for managed XA transactions.

RELEVANT SKILLS

- Proficient in Java and JavaScript
- Experience with SQL, C, Python
- Administering and managing Linux-based servers
- Relational database experience
- Distributed queue & REST API driven architecture
- Containerizing applications
- Reading and adapting documentation to solve problems quickly
- Agile development
- CI/CD with Github Actions, Team City, and Bamboo