

ALEX GRUPAS

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EDUCATION

University of Missouri - St. Louis
BS Computer Science

St. Louis, MO
- May 2020

WORK EXPERIENCE

Mastercard
Software Engineer II

St. Louis, MO
Aug 2022 - Present

- Played a pivotal role in modernizing and enhancing critical payment systems within the RPPS (Remote Payment and Presentation System) team within the BillPay division, contributing to improved revenue generation and operational efficiency for the platform.
- Contributed to modernizing the frontend of the Remote Payment and Presentment System (RPPS) by migrating from ExtJS to Angular, improving the user interface and overall performance of the bill pay platform.
- Took a leading role in refactoring and modernization of legacy backend batch systems from Java 6 to newer versions, integrating them into a modern CI/CD pipeline and migrating from on-prem servers to a cloud service (PCF), improving maintainability, scalability, and performance of critical systems.
- Developed new applications, including APIs and backend batch systems, which significantly expanded the biller onboarding system capacity, scaling from approximately 25 billers onboarded per day to up to 5,000 daily.
- Collaborated closely with cross-functional teams, including product managers, the product team, and QA engineers, to ensure alignment on project goals and deliverables, fostering a productive team environment and enhancing overall project outcomes.
- Led key phases of the Software Development Lifecycle (SDLC), from design through deployment, resulting in improved operational efficiency.

GalaxE.Solutions (Employer) Express Scripts (Client)
Software Engineer

St. Louis, MO
Mar 2021 - Aug 2022

- Utilized a broad range of technologies and tools, including Java, Spring Boot, Git, Jira, Confluence, Splunk, New Relic, AppExpress, Jenkins, and JFrog to develop, deploy, and monitor high-performance software solutions.
- Trained, mentored, and provided technical guidance to several junior software engineers, fostering a collaborative environment and ensuring adherence to consistent coding standards and best practices across the team.
- Conducted technical analyses and feasibility studies to identify opportunities for new features and improvements, contributing to the innovation and growth of the website's functionality.
- Developed a backend system that automatically triggered reminder emails for users who left items in their carts for an extended period, increasing user engagement and improving overall conversion rates.

Aspire Software
Software Engineer Intern

Chesterfield, MO
Jan 2020 - May 2020

- Developed an internal web application that automated the restoration of test databases, significantly enhancing team efficiency.
- Built and integrated new features into an internal web tool that streamlined the selection process for senior engineers to perform code reviews, enhancing collaboration between junior and senior engineers.

CyberCon
System Administrator

St. Louis, MO
Oct 2018 - Jan 2020

- Automated routine tasks using Bash and Python which improved company efficiency and receded manual intervention as well as utilized strong analytical skills to monitor system performance, troubleshoot issues, and resolve technical problems for clients both locally and globally, reducing downtime and improving client satisfaction.

SKILLS

Programming Languages:	Java, Python, JavaScript, C#
Frameworks:	Springboot, AngularJS, ReactJS, .NET
Development Tools:	JetBrains IDEs (IntelliJ IDEA, PyCharm), Visual Studio Code, Git, GitHub, BitBucket
DevOps & CI/CD:	Jenkins, AWS, PCF