

Alyssa Plan Cserei

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Software Engineering

Results-oriented professional with extensive experience designing, developing, and implementing innovative software solutions. Strong background in .NET development, frontend engineering, agile methodology, educational technology, and applications programming. Demonstrated ability to collaborate with cross-functional teams to deliver high-quality, scalable, and efficient applications. Knack for writing technical documents and codes for developers and users to adopt new features, resolve any issues, and improve customer experience. Able to check quality and test coverage through rigorous reviews and use of automated tools. Committed to continuous learning and staying abreast of industry trends.

Education

Master in Computer Science

Arizona State University, Tempe, AZ
May 2024

Bachelor of Science in Computer Science, Minor English

Rutgers University, New Brunswick, NJ
Oct 2016

Certifications

Certificate in Artificial Intelligence & Machine Learning

Arizona State University
Aug 2022

Certificate in Creative Writing

Rutgers University
Oct 2016

Technical Proficiencies

Languages: Java, Python, C#, SQL, JavaScript, HTML, CSS, C, Visual Basic

Databases: Microsoft SQL Server, Oracle RDBMS

Frameworks: .NET, React, Angular.js, jQuery, VB.NET, Entity Framework

Development: git, Visual Studio, VS Code, Fiddler, vim, npm, jira

Design: bootstrap, Adobe Photoshop, InscAPE, GIMP, Balsamiq, Figma

Career Experience

RNT Deposit Solutions, New York, NY

Oct 2018 – Dec 2023

Junior Developer

Collaborated with the development team and management to improve features of internal and external applications. Updated project documentation, maintained code repositories, and engaged in weekly stand-up meetings for systems development.

- Developed a dashboard within client application (CAP) aimed at external users, presenting bank balances associated with an investment program.
- Enhanced usability of CAP's navigation bar for an intuitive user experience.
- Expanded capabilities of an internal ETL tool to process bank balances and populate them into a table for reconciliation. Incorporated support for BAI files, contributing to increased enrollment of banks in programs.
- Revamped the administrative portal for CAP, improving usability and updating layout to Bootstrap 5. Upgraded legacy batch-generated reports to Python 3.
- Created an ASP.NET web application for adding brokers/banks to system, reducing the need for manual updates by the database administration team.
- Facilitated transition of CAP administrative responsibilities from database administration to client services by developing training materials, user guides, and demos.

Seabury Enterprise Solutions LLC, Summit, NJ

Mar 2017 – Sep 2018

Software Developer

Developed, designed, and implemented new features and improvements by collaborating within teams. Conducted thorough quality-assurance testing on multiple Seabury software products and delivered bug reports to the team for prompt resolution. Actively engaged in daily stand-up meetings and sprint planning sessions.

- Enhanced web and desktop application (EPAS) to assess flight profitability.
- Drove enhancements in accuracy, productivity, efficiency, and data import functionality within the airline performance module.
- Implemented an Extract, Transform, Load (ETL) tool to facilitate import of transactional data from MRO systems into general ledger systems.