

Alex Kramer

(585) 354-9093 | ajkramer90@gmail.com | <https://www.linkedin.com/in/alex9jk/>

TECHNICAL SKILLS

- **Programming Languages:** Python, Unix, SQL, Java, C++, JavaScript, HTML, CSS
 - **Frameworks/Libraries:** React.js, Node.js, Boto3, Pandas
 - **Databases:** PostgreSQL, Oracle, MS SQL Server, MySQL, DynamoDB, MongoDB Atlas, Snowflake
 - **Devops:** Jenkins, Docker, AWS CDK, Terraform
 - **Tools:** Git, Homebrew, npx, Jira, Confluence
 - **Other:** RESTful APIs, AWS Lambda, AWS SNS, AWS S3, Snyk, Sonarqube
-

PROFESSIONAL EXPERIENCE

Ellucian | Software Engineer II | Rochester, NY (Remote)

April 2022-Present

- Enhance capabilities, develop new features, test and resolve bugs for development team, leveraging Python to foster technical problem-solving skills
- Leverage Jenkins, Python and shell scripting to lead new automation efforts to streamline customer data processing efforts
- To streamline deployments and ensure consistent environments utilize AWS CDK, Docker, an internal Gitops tool ZappCD to provision, configure and manage AWS infrastructure for blueprint tooling
- To provide the Pre-sales team timely insights and reporting, collaborate with Data Access and Business Intelligence teams, utilizing AWS S3, AWS Lambda and Snowflake
- To improve customer experience, develop automations using AWS SNS, AWS Lambda and Slack, enhancing blueprint tooling by providing team with real-time feedback leading to faster response times
- Given an increased amount of technical debt, lead effort to integrate SonarQube in development lifecycle using Jenkins to improve code quality
- To ensure security standards are met consistently, leverage Jenkins to automate Checkmarx and Snyk into team's development lifecycle
- With the Banner ERP deployments taking significant time and effort, lead the team to modernize prescribed, standard deployments which are cheaper, faster, and easier to deliver for customers to adopt.
- Collaborate and support other team members within team and other adjacent teams to promote an open, collective team oriented work environment

PricewaterhouseCoopers (PwC) | Software Engineer | Rochester, NY (Remote)

November 2020 - April 2022

- For a medical risk adjustment client, developed reusable frontend components and complex modules with modern React.js utilizing Styled Components within a micro-frontend architecture
 - Collaborated with backend developers to leverage internal REST APIs
 - Participated in an agile scrum methodology to produce timely deliverables
- To win client work, developed a proof of concept password matcher application with React.js using Styled Components and AppKit, a PwC custom component library
- For a financial institution client, developed a data analyzation tool to generate statistical reports using Python and SQL
- Collaborated with UI/UX designers and other stakeholders to satisfy design specifications for accessible user interfaces
- Translated business domain problems into feasible product features and functionalities

Rochester Institute of Technology | Software Engineer | Rochester, NY

August 2018 - May 2019

- Developed a desktop application to automate the process of cataloging American Sign Language (ASL) recordings, using C++, Intel RealSense SDK/Camera and OpenCV, efficiently reducing the time spent for data collection by 60% over the manual process.
- Managed team of four using Git, Trello and agile methodologies to improve collaboration and ensure requirements were met

Ellucian | Software Engineer Intern | Rochester, NY

May 2018 - August 2018

- Improved and developed new features for Ethos Integration's UI, Ellucian's administrative application using React.js working in an agile development environment to enhance the user experience and accessibility of the application
 - Implemented automated end to end tests using Cypress to reduce development time by improving code quality and build stability
 - Created Smart Speech web application, using native JavaScript automated speech recognition and Node.js to improve deaf or hard of hearing people's engagement during lectures
-

EDUCATION

Rochester Institute of Technology, MS Information Sciences and Technologies
University at Buffalo, BA Economics

May 2020
May 2013