

Mirza Mohammed Baig

mirzabaig945@gmail.com | [linkedin.com/in/mirzamdbaig/](https://www.linkedin.com/in/mirzamdbaig/) | mirzamdbaig.medium.com/ | github.com/m1rzab4ig

SKILLS

- **Skills:** Data Analysis, Data Modeling, SQL and Database Knowledge, Statistical Analysis, Documentation, Agile/Scrum Methodology, DevOps Practices, Machine Learning, Artificial Intelligence
- **Technologies:** Amazon Web Services Console, Microsoft Azure, Google Cloud Platform, Oracle, Okta IAM, Firebase
- **Programming Language Experience:** Python, HTML, CSS, Javascript, SQL, PHP, C, C++, Java, NextJS, React.js

PROFESSIONAL EXPERIENCE

Software Engineering Fellowship - Headstarter AI

July 2024 - Present

- Collaborating with a team of 4 SWE Fellows to develop 5 AI projects in 7 weeks: Personal Website, Pantry Tracker, AI Customer Support, AI Flashcards & Stripe API, and AI Rate My Professor.
- Projected milestones for final project: Targeting 1000 people on waitlist, 1000 accounts created, or \$1000 in revenue.

AI/ML Engineer - Crescent Technology

Jan 2024 - Present

- Engineered tailored cloud solutions: Optimized operations with cost-effective infrastructures, acting as a trusted advisor to nurture client relationships, ensuring effective communication and alignment with client needs.
- Identified new business opportunities: Contributed to a 15% increase in revenue by cultivating leads and collaborating with sales teams, demonstrating versatility in both technical and business development areas.
- Integrated AI automation tools and machine learning models: Enhanced lead generation, sales, and business development processes, leading to a 400% increase in operational efficiency.

Cybersecurity Business Analyst - Liberty Utilities

September 2023 - Jan 2024

- Safeguarded critical assets: Implemented effective data management and security compliance, standardizing data and enhancing asset management practices.
- Updated skills in cutting-edge technologies: Proficient in CMDB, CSDM, and ServiceNow, improving operational efficiency and data accuracy by 30%.
- Facilitated cross-functional team collaboration: Utilized business process modeling and requirement elicitation techniques to ensure successful project outcomes, improving project delivery timelines by 20%.

PROJECT EXPERIENCE

Automated AWS IAM User Migration and Security Enhancement - The Cloud Bootcamp

July 2023

- Automated the migration of 100+ users from CSV to AWS IAM using Amazon Cloud Shell and AWS CLI: Enhanced account security by implementing MFA for the AWS root and 100 IAM users with Authy, resulting in a 50% reduction in security incidents.
- Strengthened IAM security: Updated password policies and mandated MFA for user access, showcasing scalable user management and advanced policy management skills.

MultiCloud Architecture and Cloud Application Development for Hospitality Industry - The Cloud Bootcamp

July 2023

- Earned Intensive Cloud Computing Hands-on Training Certificate: Deployed AWS and GCP resources via Terraform, orchestrated Docker and Kubernetes for a Covid-19 testing results application for luxury hotels, enabling cloud-based guest check-ins and data migration, resulting in a 30% increase in operational efficiency.

Full Stack Web Application Development for GSU's Poster Judging Competition

April 2023

- Streamlined poster competition judging: Developed a full-stack web application with features such as secure sign-in, multi-category scoring, and results display, improving the judging process efficiency by 40%.
- Leveraged HTML, CSS, JavaScript (front-end), Python, Django (back-end), and SQL (MySQL database/middleware): Successfully integrated a seamless database/middleware on MySQL.

CERTIFICATIONS

AWS Certified Cloud Practitioner

May 2023

- Comprehensive understanding of AWS domains including cloud concepts, security, technology, and billing. Proficient in AWS service categories, spanning compute, storage, security, databases, analytics, and more. Expertise in cloud computing concepts, service deployment, security best practices, and AWS billing, ideal for Cloud, IT, Tech, and Software/Web Development roles

OKTA Certified Professional

Feb 2023

- Proficient in day-to-day operational tasks, user support, and identity management using Okta. Skilled in IAM, Active Directory, Single-Sign On, API Access, and User Lifecycle Management, offering valuable expertise in Cloud, IT, and Tech industry contexts

EDUCATION

Georgia State University(GSU)

Atlanta, Georgia

Bachelor's Degree of Science in Computer Science

May 2023

- Awards: 6x President's List, 1x Dean's List, GSU Honors College Program,, Magna Cum Laude Graduate Honors
- Relevant Coursework: Data Structures, Design Analysis:Algorithms, Web Programming, Programing Language Concepts, Software Engineering, System Level Programming,

Georgia Tech

Atlanta, Georgia

Masters Degree of Science in Computer Science with Machine Learning

May 2026