

ABBAS GURE

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WORK EXPERIENCE

Associate Software Engineer, BlackLine

Mar 2025 - Aug 2025

- Developed responsive frontend features for the Admin Portal that dynamically adapted based on remit file type such as spreadsheets, email body, or PDFs leveraging the in-house OCR processor using Azure's new AI Optical Character Recognition. to extract and process payment data efficiently.
- Refactored legacy libraries into modular, microservice-style components: Blackline.Ara.Globalisation, which handled the application's global translations, and Blackline.Ara.Mail, which processed remit emails. This removed cyclic dependencies and improved maintainability.
- Reorganized and optimized Azure Functions that supported remit processing by merging overlapping functions and clarifying responsibilities, reducing redundancy and improving maintainability while ensuring compatibility with existing systems.
- Fixed security vulnerabilities reported by Veracode and Snyk by adding input validation, upgrading dependencies, and following secure coding best practices.
- Built automated unit and integration tests for all new components, including TSql database procedure tests for backend logic and Selenium tests for frontend UI features, and owned end-to-end QA using Shift-Left testing, regression runs, and CI/CD validation.
- Collaborated with cross-functional teams during sprint planning, code reviews, and automation testing to ensure the Admin Portal met business requirements.
- Optimized database interactions for the Admin Portal, including designing efficient queries, integrating with REST APIs, and ensuring accurate calculation and retrieval of payment data.
- Modified existing logging and monitoring components to comply with Veracode and Snyk security requirements, ensuring sensitive data handling and secure operation.

Software Internship , Sticky Connections

Aug 2023 - Aug 2024

- Created dynamic UI components to enhance aesthetics and interaction.
- Improved performance using React hooks and TypeScript, reducing load times.
- Migrated the codebase from JavaScript to TypeScript for better type safety.
- Collaborated with designers and backend developers to integrate RESTful APIs.

Test Analyst, ATOS

Apr 2022 - Feb 2023

- Managed database operations to enhance efficiency and precision in data analysis during testing phases.
 - Deployed automated batch processing via Tivoli Work Scheduler to boost productivity and accuracy in data generation and testing.
 - Designed and implemented test plans and cases to verify the REST API's functionality with an Azure database for CRUD operations.
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EDUCATION

Level 3 Software Development Bootcamp Althaus Academy	Aug 2024 - Nov 2024
Msc Computer Science Aston University	Sep 2020 - Feb 2022
Bachelor (Hons) Medical and Pharmacological Sciences Coventry University	Sep 2016 - Dec 2019

ADDITIONAL INFORMATION

- Technical Skills: Java, C# , NodeJS, TypeScript, React, Springboot, Docker, ASP.NET, Azure, SQL/NoSQL, DataDog, Jira/Confluence, Vault, Unix, Helm, Git, CCNA , MCSA.
- Languages: English , Arabic (Beginner), Somali.
- Certifications: ISTQB Foundation.