KESHAUN BERRY

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EDUCATION

Bachelor of Science in Computer Science, *Kennesaw State University* August 2020-December 2024
Relevant Coursework: Operating Systems, Data Structures and Algorithms, Database Management Systems, Cloud Computing, Parallel and Distributed Computing, Software Design and Development, Machine Learning
Extracurricular: Founding member of AI Club of KSU, ISSA

SKILLS

Languages: Java, Python, C++, C#, JavaScript, SQL, C (Language), CLI, ECL (Proprietary Language), PowerShell, HTML, CSS
Frameworks and Tools: React JS Framework, Node.js, Google Cloud, Apache, Git/GitHub, Docker, Google Chronicle, Google Big Query, PyCharm, Kali Linux, Visual Studio, Microsoft Azure DevOps, RazerSQL
Concepts: Agile Development, Cloud Architecture and Security, Data Integration, Risk Management and Analysis, Software Requirements & Documentation, Object-Oriented Development, Black Box and Unit Testing, Database Management, REST APIs

EXPERIENCE

Software Developer, *Overby Seawell Company- Kennesaw, GA* January 2025-Present
- Independently led a full redesign of a legacy DevOps-style desktop system using MFC, streamlining task creation workflows through a responsive, role-aware UI—delivered as a high-impact internal tool.
- Maintained and expanded enterprise web and desktop applications for processing lender, loan, and collateral data; refactored 5,000+ lines of legacy C++/C# to improve modularity, performance, and maintainability.
- Resolved a critical security vulnerability by enforcing encrypted password validation and building a configurable password policy system to meet evolving compliance requirements.
- Collaborate in an Agile team of 14 developers, leveraging Informix SQL, Bash, Python, and PowerShell to diagnose and resolve data flow issues across internal and client-facing systems.

PROJECTS

Security Risk Management Software Capstone, *Cybriant- Alpharetta, GA*
- Designed and deployed a cloud-native Attack Surface Management platform using Python, Google Cloud Run, and Big Query to identify security risks across digital environments.
- Integrated open-source tools (OWASP Amass, Project Discovery) with custom scripts to collect and analyze subdomain, DNS, and port data, enabling automated threat classification via Big Query ML.
- Delivered actionable insights through a Looker Studio dashboard, helping clients improve BitSight scores and reduce cyber insurance premiums by up to 50%.

1st place Winner Amazon X CodePath Design Challenge (Jan 2025)
- Led a cross-functional team of five to redesign the Google Arts & Culture web platform, improving accessibility for users with low vision; selected 1st out of 500+ submissions.
- Conducted user research with 50+ low-vision individuals through surveys and interviews to identify key pain points: disorienting immersive scrolling, shallow content, and lack of non-visual engagement.
- Designed and tested accessibility-first features including: Toggleable immersive scroll & pagination for navigational control, AI-powered virtual assistant (Gemini) for rich in-platform artwork context via voice or text, Soundscape feature that pairs visual art with AI-curated music to evoke emotional engagement, and a Sharpening tool for improved image clarity at high magnification

3x Hackathon Finalist and 1x Hackathon Winner – Kennesaw State University
- Collaborated in fast-paced, team-based competitions to design and prototype real-world solutions under tight deadlines in challenges focused on social good, logistics optimization, and data-driven strategy.

Busy Bee-AI Club Collaboration
- Built a React web application and helped develop a PyTorch-based object detection model using Grounding DINO and a custom iNaturalist dataset enabling endangered bee classification on edge devices like Raspberry Pi.