Arjun Vashistha

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ABOUT ME

Computer Science professional with experience in the banking industry. Skilled in backend development and database management, with a focus on efficiency and reliability.

EDUCATION

Virginia Polytechnic Institute and State University | Blacksburg, VA Dec 2022
B.S. Computer Science, Minor in Mathematics

Ardrey Kell High School | Charlotte, NC May 2019

EXPERIENCE

Software Engineer II Feb 2025 - Present
Bank of America | Plano, TX

- Develop and maintain internal-facing application using Java for backend logic and SQL for database management.
- Enhance security and compliance features to align with industry regulations and internal policies.
- Optimized SQL queries and database schemas, reducing query execution time by 75% and enhancing data retrieval performance.
- Collaborated in Agile development cycles, including sprint planning to improve feature delivery timelines.
- Implement backend services and APIs, integrating with internal systems to improve workflow.

Global Technology Analyst – Software Engineer Jul 2023 - Feb 2025
Bank of America | Plano, TX

- Managed and maintained SiteScope, ensuring real-time monitoring, alerting, and performance tracking for critical internal systems.
- Investigated and resolved platform incidents, performing root cause analysis to improve system reliability.
- Automated the change request process using Python, cutting processing time by 30% and increasing efficiency.
- Led RHEL 9 server upgrades, ensuring seamless migration while maintaining system stability.
- Designed and optimized CI/CD pipelines using XLR Release tool, reducing lower level deployment time by 50% and increasing release efficiency.
- Release Train Engineer for web-based application that aggregates data from multiple sources to provide a consolidated view of various lines of business.

Global Technology Summer Analyst Jun 2022 - Aug 2022
Bank of America | Plano, TX

- Developed a proof of concept for AppClips, leveraging SwiftUI and UIKit to create a lightweight, engaging user experience.
- Researched and documented AppClips architecture, limitations, and best practices to optimize performance and user experience.
- Presented POC findings to the development team and business team, providing insights on feasibility, user flow, and potential enhancements.
- Researched AppClip invocation methods, including deep linking, NFC tags, and QR codes, to enhance accessibility.

Summer Intern   Jun 2021 - Aug 2021
GenSpark | Remote
- Managed Weekly Social Media Posts - Monday Motivation
- Led the Java course guides rebranding, improving content clarity.
- Developed FAQ Documents for GenSpark Rebranding
- Reformatted resumes as per company standards
- Drafted and published jobs in JobDiva based on requirements from clients
- Assisted in the placement of 60+ candidates by optimizing resume formatting for ATS compatibility.

PROJECTS

Geographic Information Systems
- Organize information about geographic elements and enable several types of access to the data
- Used buffer pools to efficiently obtain information from the import file and display information as requested by the user
- Technologies Used: Linux and C

Risk Sentiment Analysis Website
- Created the frontend for the website to calculate the sentiment analysis of a workplace as given by client
- Used Google Firebase to secure the website with login and ability to monitor access to users.
- Routed multiple webpages for login and website usage
- Technologies Used: JavaScript, Google Firebase

SKILLS

Java | Python | C/C++ | GitHub | Git | Linux |OS X | Windows | iOS | Android | Networking | SwiftUI | UIKit AppClips | JavaScript | Google Firebase | Operational Intelligence | Monitoring | SiteScope | Servers | SQL

ACTIVITIES/HONORS

Dean's List
G.E.R.M.A.N. Club at Virginia Tech
Virodh at Virginia Tech
Machine Learning Club
SIA at Virginia Tech
Uplift Humanity Volunteer

REFERENCES

Available on Request