Haneesha Dushara

haneesha2018@gmail.com | linkedin.com/in/haneesha-dushara/ | github.com/haneesha2018 | haneesha2018.github.io/eportfolio

EDUCATION

University of Cincinnati | Cincinnati, OH   May 2024

Bachelor of Science, Computer Science   Dean's List (all semesters), GPA 3.9/4.0

SKILLS

- **Programming Languages:** Python, C++, C#, SQL (MySQL, PostgreSQL), Java script (React Js, Vue Js)
- **Cloud & Tools:** AWS, Microsoft Azure, Docker, Git, Jira, HTML/CSS, Jupyter Notebook
- **Certifications:** Microsoft Azure AI Fundamentals, IBM Data Science Practitioner, Salesforce Business Administration Specialist

EXPERIENCE

Software Engineer (System Specialist at Business Systems Strategy) **– *NASPA*** [Columbus, OH]   Jan 2025 – Present
- Developed and deployed conference registration platform using Node.js, HTML/CSS/JS on Azure Web Apps with Key Vault & backup to storage accounts, processing $3M+ in revenue across 6,000+ annual registrants while maintaining 99.9% uptime
- Built automated integration pipeline connecting Accelevents, Workato & Nimble AMS (Salesforce-based membership system) working cross-functionally with teams, automating 95% of conference workflows, reducing manual effort by 50+ hours per event across 8+ annual conferences
- Migrated legacy ColdFusion (CFM) Applicant Tracking System and Member Newsletter System to Lucee framework with HTML/CSS/JS and Cloudflare reverse proxy, improving performance and security for 10,000+ users while integrating SendGrid API & Nimble AMS for streamlined authentication and subscriber management
- Collaborated with stakeholders to optimize Salesforce SOQL queries and communicate performance improvements, achieving 80% faster response times and streamlined logical flow while cutting API calls to 0.5x original
- Transitioned 2 legacy production servers to Azure using Docker containerizing Lucee/Nginx application, GitHub Workflows CI/CD, Azure Container Registry (ACR), and Azure Container Apps in production, deploying SQL Server on VM
- Delivered $60,000 in annual cost savings through platform modernization while maintaining zero downtime during migration and implementing enhanced security measures

Software Engineer Intern – *Prodigy* [Loveland, OH]   Jan 2023–July 2023
- Innovated interactive client data map to visualize 500+ qualified leads with enhanced user interface/user experience (UI/UX) using React Js and Python Django, boosting data-driven decision-making by 25%
- Deployed apps on AWS EC2 with S3 storage integration, reducing infrastructure costs by 15% while improving scalability and accessibility

Software Engineer Intern – *SHP Leading Design* [Cincinnati, OH]   Jan 2022–May 2022
- Developed 5+ custom plugins using C# .NET, WPF UI/UX with MVVM principles for Autodesk Revit, accelerating project completion by 25%
- Automated HVAC diffuser placement in Revit, reducing time from a week to a day, saving $10,000/project, delivering a 240x cost saving
- Devised a script to automate statewide electrical wiring calculations, reducing manual calculation time by 80% and improving project efficiency
- Integrated QA/QC checks across the architectural team, achieving 95% accuracy in detecting 100+ model errors, enhancing project quality

Software Engineer Intern – *Emerson* [Elyria, OH]   May 2021–Aug 2021
- Designed & Implemented 15+ key features for in house CRM using C#.NET MVC, Entity Framework, Vue Js, Web API, and SQL Server, helping optimize the system improving efficiency by 25%, supporting software lifecycle, demonstrating clear test planning and user support
- Created and Maintained Comprehensive Unit Tests using NUnit, achieving 90% code coverage and reducing post-deployment issues by 20%
- Utilized IntelliJ tools for debugging and testing, GitHub for code review and version control, Azure DevOps for project management, and TeamCity for CI/CD, which streamlined the development process and reduced deployment time by 15%

Software Engineer Intern – *Emerson* [Elyria, OH]   Aug 2020–Dec 2020
- Supported in the migration of 500,000+ records from Salesforce to in-house CRM 360 Insights, enhancing data accessibility and system integration by being involved throughout the entire software development lifecycle (SDLC) using Agile Methodologies for sprint planning
- Collaborated with EMEA stakeholders to gather 50+ business & technical requirements for CRM used by 14,000+ users across multiple regions
- Developed and modified 10+ existing CRM features to align with requirements using C#.NET MVC, Entity Framework, Vue Js, Web API, and SQL Server, resulting in a 30% reduction in processing time

PROJECTS

Webapp for Student Event Planners – *EventReady* [React, Django, Material UI, SQLite, Google Firebase]   Aug 2023–April 2024
- Developed a web application for new event planners in a student organization, using React JS, Material UI, and Django with REST API Framework, increasing event planning efficiency by 40% and reducing planning time by 35%

ACADEMIC ACTIVITIES & LEADERSHIP

Sponsorship Lead – *Hackathon Revolution UC by ACM@UC* [University of Cincinnati]   Aug 2022–April 2024
- Raised $25,000+ for UC's Biggest Student-Led Hackathon Revolution UC that got 700+ students from Midwest Universities

Vice President of Events – *College of Engineering and Applied Sciences Tribunal* [University of Cincinnati]   Jan 2022– April 2024
- Strategized & Executed Events for engineering student government of 7000 students, resulting 15% increase in engagement each year

Student Ambassador - *UC International Admissions* [University of Cincinnati]   May 2022– April 2024
- Provided counseling to 2000+ students, to make informed college decisions, demonstrating commitment to student success