

Haneesha Dushara

haneesha2018@gmail.com | [linkedin.com/in/haneesha-dushara/](https://www.linkedin.com/in/haneesha-dushara/) | github.com/haneesha2018 | haneesha2018.github.io/eportfolio

EDUCATION

University of Cincinnati | Cincinnati, OH

May 2024

Bachelor of Science in Computer Science

Dean's List (all semesters), GPA 3.9/4.0

SKILLS

- **Languages:** Python, C#, JavaScript, SQL (MySQL, PostgreSQL), HTML/CSS
- **Frameworks & Libraries:** React.js, Vue.js, Django, LangChain, PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy, Streamlit
- **Cloud & DevOps:** AWS (EC2, S3), Microsoft Azure, Docker, GitHub CI/CD, Linux
- **Tools:** Git, Jira, Jupyter Notebook, REST APIs

EXPERIENCE

Software Engineer II — NASPA (Business Systems Strategy) | Columbus, OH

Sept 2025 – Present

- Designed and deployed cloud-native event management platform on Azure with Node.js and REST APIs, supporting 6,000+ users and \$3M+ in annual transactions
- Architected integration pipelines across Salesforce, Accevents, and Workato, automating 95% of conference workflows
- Modernized legacy systems through containerization (Docker, Nginx) and Azure Container Apps with automated GitHub CI/CD pipelines, achieving zero downtime across production deployments
- Accelerated development velocity 30% through LLM-assisted workflows (Claude, GitHub Copilot) for coding, debugging, and refactoring
- Contributed to AI governance standards for the organization, establishing responsible AI usage policies across development and operations teams
- Reduced infrastructure costs by \$60K+ annually through cloud optimization and architectural improvements

Software Engineer — NASPA (Business Systems Strategy) | Columbus, OH

Jan 2025 – Aug 2025

- Built conference registration and volunteer management systems on Azure with Node.js and REST APIs, serving 30+ organizational divisions
- Optimized Salesforce SOQL queries and ETL pipelines, reducing API consumption by 50% and improving query response times by 5x
- Migrated legacy monolithic applications to containerized Azure infrastructure with Docker and GitHub CI/CD, reducing deployment time by 40%
- Re-architected member newsletter delivery system with SendGrid and Cloudflare, increasing email deliverability to 99.5% for 14,000+ members

Software Engineer Intern – Prodigy | Loveland, OH

Jan 2023–July 2023

- Developed a RAG-powered chatbot with LangChain, LLaMA2, and Pinecone vector database, improving client-project matching accuracy by 65%
- Built React.js frontend with TensorFlow.js integration for real-time model inference and interactive chat interface
- Deployed chatbot infrastructure on AWS (EC2, S3), reducing hosting costs by 15% while improving scalability and availability

Software Engineer Intern – SHP Leading Design | Cincinnati, OH

Jan 2022–May 2022

- Developed 5+ custom Autodesk Revit plugins in C#/ .NET with WPF (MVVM architecture), accelerating architectural design workflows by 25%
- Automated HVAC diffuser placement algorithm, reducing design iteration time from 5 days to 1 day and saving \$10K+ per project
- Built automated QA/QC validation system detecting 100+ model errors with 95% accuracy, reducing manual review time by 60%

Software Engineer Intern – Emerson | Elyria, OH

May 2021–Aug 2021

- Designed and implemented 15+ features for internal CRM platform with C# .NET MVC, Entity Framework, Vue.js, and SQL Server, improving processing efficiency by 25%
- Established automated CI/CD pipelines with GitHub, Azure DevOps, and TeamCity, reducing deployment time by 15%

Software Engineer Intern – Emerson | Elyria, OH

Aug 2020–Dec 2020

- Migrated 500K+ records from Salesforce to in-house CRM (360 Insights) with zero data loss, enabling consolidated reporting across regions
- Gathered and documented 50+ business and technical requirements from EMEA stakeholders for enterprise CRM serving 14,000+ users
- Enhanced 10+ CRM features in C# .NET with Web API and SQL Server optimization, reducing average processing time by 30%

PROJECTS

Webapp for Document Interaction (Python, Streamlit, LangChain, OpenAI, FAISS)

- Built LLM-powered document chatbot with FAISS vector DB for semantic search, reducing latency by 25% through optimized context retrieval

Webapp for Student Event Planners (React, Django, Material UI, SQLite, Google Firebase)

- Developed event management webapp for event planners in a student orgs, using React JS/Django, reducing planning time by 35%

ACADEMIC ACTIVITIES & LEADERSHIP

Sponsorship Lead – Hackathon Revolution UC by ACM@UC [University of Cincinnati]

- 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]

- 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]

- Provided counseling to 2000+ students, to make informed college decisions, demonstrating commitment to student success