NHI NGUYEN

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EDUCATION

University of Cincinnati   *Expected Graduation: May 2025*
Bachelor of Science, Information Technology, Software Application Development
- GPA: **4.0**, Dean's List – Fall 2022 - Summer 2024

TECHNICAL SKILLS

Languages: Java, C#, Python, TypeScript, JavaScript for Data Structures, Algorithms, Object-oriented Programming
Web Development: React.js, Next.js, ASP.NET, Node.js, Express, Flask
Databases: PostgreSQL, Microsoft SQL Server, Oracle SQL Developer, DynamoDB
Cloud: AWS (Lambda, API Gateway)
Tools and Practices: GitHub, Postman, Docker, Kafka, RabbitMQ, Bitbucket, Linux, JIRA, Microservices, Agile

EXPERIENCE

Undergraduate Teaching Assistant   *August 2024 – December 2024*
School of Information Technology, University of Cincinnati
- Assisting the teaching team with providing in-class assistance to answer students' questions, weekly grading, and facilitating project demos in courses: System Administration (with Linux) and Implications of Information Technology.

Technology Intern   *June 2024 – August 2024*
New York Life Insurance
- Developed a proof-of-concept application in **ASP.NET** and **C#** that integrated **USPS API** with **Oracle** database, providing a reliable backup system for address analysis during internal web service downtimes.
- Implemented a robust **Python** profanity filter module to censor sensitive data inputs to comply with company standards.
- Collaborated in a team of four interns using scaled **Agile** methodology to design and develop a **full-stack React.js** chatbot powered by a **Large Language Model**, reducing operational costs by **92.61%**.
- Engineered **AWS Lambda** functions for backend processing to implement asynchronous communication with the AI Model, utilizing **DynamoDB** for data storage, enhancing the company's service automation capabilities.

Software Engineer Intern   *May 2023 – November 2023*
Kinetic Vision
- Developed and deployed the key pages of an internal website for the company's interactive map, leveraging **Next.js** and **TypeScript** with Ant Design and Tailwind CSS, resulting in an intuitive interface used by over 200 employees.
- Engineered efficient **GraphQL APIs** with Apollo and Keystone.js to enhance data querying efficiency by **60%** and integrated **Leaflet API** for map features and location-based functionalities.
- Implemented a **full-stack** volunteer portal for a company's client to facilitate automated processes in registering events and scheduling appointments with **Google Calendar API**.

Software Developer   *January 2023 – May 2023*
Information Technology Solutions Center, University of Cincinnati
- Developed a virtual veterinary station website with React.js, featuring forms and tables for data management, and built a robust server using **Node.js** and **Express**, integrating Axios and Sequelize to connect to a **PostgreSQL** database.
- Implemented a versatile error-handler for an evaluation platform, optimizing user experience for client projects.

Software Engineer Intern   *January 2022 – March 2022*
TekUp Solutions Company
- Created **REST APIs** to perform **CRUD** operations and delivered detailed Postman documentations for an internal employee training platform for a partnered company with over 500 employees.
- Executed essential industry practices: **Scrum sprints**, code review and product pre-release in Git and GitHub.

EXTRACURRICULAR ACTIVITIES

Participant | *Grace Hopper Celebration 2023, Anita.B Organization*   *September 2023, October 2024*
Student | *CodePath Organization*   *June 2024 – August 2024*
Web Organizer | *Revolution UC Hackathon 2024, University of Cincinnati*   *November 2023 – February 2024*
Social Media Co-Officer | *Society of Women Engineers, University of Cincinnati*   *September 2022 – March 2023*
Founder, Community Lead | *Google Developer Student Clubs*   *June 2021 – June 2022*