

Personal Info

Duy Nguyen

duy.acefsa@gmail.com

GitHub

LinkedIn

Skills

Languages: *Java, JavaScript, Python, SQL, PHP, C++*

Web Technologies/Databases: *REST, HTML5, CSS, JSON, SQLite*

Frameworks/Messaging: *Bootstrap, ReactJS, Django, Flask*

Tools/OS: *Git, Docker, Postman, Visual Studio, VSCode, IntelliJ, Eclipse, MS Office*

Experience with: *Object Oriented Programming, Data Structures and Algorithms, Test Driven Development, Databases, Agile Development*

Experiences

SAMS itemFile

Cognizant, September 2022 - Current

- Utilized the Retailer Link application to efficiently manage daily tasks and item lists, while actively participating in the Software Development life cycle to ensure seamless functionality and perform necessary repairs or upgrades.
- Promptly address support team inquiries regarding specific item properties, actively participated in daily meetings and email communications for swift issue resolution, conducted thorough logs checking using PuTTY access, initiated intergroup tickets or multi-team issues, and diligently maintained the Maintenance Model Application to ensure uninterrupted mountPoints operation.
- Engaged closely with a diverse cross-functional team to meticulously identify strategize, and expertly implement a series of process improvements, significantly amplifying operation efficiency and establishing a new benchmark for overall operational excellence.

ADM Engineer

Cognizant, July 2022 - September 2022

- Led a 5-member team to develop a comprehensive online shopping site, utilizing Angular for the front end and AWS for deployment.
- Orchestrated smooth user-product interaction by implementing advanced controller and data access object, while also creating a dynamic user interface with real time updates through API services.
- Strengthened security and user accessibility by integrating a MYSQL Database for secure user registration, storage of credentials, and retrieval of login information.

Software Engineer Intern

EnhanceIT, January 2021 - May 2021

- Played a pivotal role within a collaborative full stack development team, actively contributing to the creation and refinement of both front-end and back-end functionalities. Leveraged expertise in Django and Flask frameworks to enhance the front-end, creating a user-centric interface that seamlessly interacted with the back end.
- Orchestrated the development of a highly responsive website by skillfully implementing Ui components using bootstrap4 framework. This meticulous approach not only improved the overall user experience but also ensured consistent performance across different devices and screen sizes.
- Demonstrated a thorough commitment to quality assurance by extensively testing CRUD API endpoints through tools like Postman and OpenAPI. Leveraged the power of MySQL Database to efficiently implement and manage the admin login system, ensuring secure access and storing essential data in dedicated log files for easy retrieval and analysis.

Software Developer

Application Domain, August 2020 – December 2020

- Engineered a robust web application using SQL, Docket, HTML, PHP and JavaScript, elevating company employee services and streamlining user experiences.
- Facilitated seamless communication with multiple backend services by integrating Server Api and Git, ensuring effective collaboration and version control.
- Demonstrated technical by orchestrating the deployment of the application through Docket image creation and Azure Cloud hosting whole implementing repository and dependency injection design patterns for optimized data access encapsulation.

Computer Science & Mathematics Tutoring

Kennesaw State University, August 2019 – May 2021

- Instructed introductory Java and discrete math to undergraduates through tutoring sessions.
- Collaborated with professors to establish computer science labs and provide Java/Python resources.
- Guided and supported undergraduates in lectures, labs, and office hours.

Education

08/2018 -
12/2021

Kennesaw State University, *Bachelor of Engineering, GA*
Relevant Coursework: *Object Oriented Programming, Data Structures and Algorithms, Game Design Development with Unity, C/C++*

- Member of Stony Brook University ‘s National Society of Collegiate Scholars
- Member of the Institute of Electronics and Electrical Engineers (IEEE)
- Golden Key International Honor Society, Dean’s List Recipient

Academic Projects

09/2017 -
04/2018

Video Game counter application

- Developed intricate GUI applications that visually track the frequency of successful ability landing within a dynamic video game setting, employing Java to ensure seamless functionality.
- By conceptualizing and implementing an intuitive counter system and user-friendly GUI interface, I automated messaging and enhanced user engagement, ultimately enhancing the gaming experience through the innovative utilization of Java technology.