Ashok K C

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EDUCATION

Northern Kentucky University — Aug. 2021 – May 2025
Bachelor of Science in Information Technology, Minor in Information System and Information Security   Highland Heights, KY

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, MYSQL, C/C++, PHP, HTML, CSS, Bootstrap
Frameworks: React, Node.js, JUnit, WordPress, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

EXPERIENCE

Fidelity Investment — October 2024 – Present
Associate Salesforce Administrator Analyst — Covington, KY
- Manage the creation and management of roles, profiles, and permission sets, ensuring data security compliance across all departments while supporting over 2000+ users.
- Expertly managed Salesforce configurations, workflows, and automation, reducing data entry time and improving data accuracy.
- Skilled in troubleshooting issues, delivering technical support, and training users on Salesforce features and best practices to maximize platform efficiency.

Cloud Computing — August 2024 – December 2024
Teaching Assistant — Highland Heights, KY
- Assisted the professor in delivering course content on cloud computing principles, platforms, and tools, enhancing student comprehension, engagement, Provided one-on-one guidance and troubleshooting for students.
- Graded assignments, projects, and exams, offering detailed feedback to support student growth and understanding.

Kentucky Center for Mathematics — March 2022 – March 2023
Full-Stack Web Developer — Highland Heights, KY
- Designed and developed multiple interactive events on KCM's official website, enhancing user engagement and providing valuable resources to the mathematics education community.
- Spearheaded the creation, management, and maintenance of the center's database, optimizing data retrieval and storage processes. Implemented robust security measures to protect sensitive information.
- Offered IT support to staff and users, promptly resolving technical issues and inquiries. Leveraged expertise in PHP, HTML, CSS, JavaScript, Bootstrap, and SQL to improve and streamline the online software used for mathematics education.

Optimizing Multi-Cloud Performance — May 2023 – August 2023
Research Assistant — Highland Heights, KY
- Conducted in-depth literature reviews to identify trends and gaps in cloud computing research, contributing valuable insights to the development of research proposals and project directions.
- Assisted in designing and executing experiments to evaluate the performance and scalability of cloud-based applications, utilizing AWS, Azure, Google Cloud, and OpenStack for setting up and managing cloud environments.

PROJECTS

Cloud-Optimized Application Deployment | *Amazon Cloud Console, EC2* — December 2023
- Deploying applications to Amazon ECS (Elastic Container Service) utilizing EC2, Docker, ECR (Elastic Container Registry), and Faregate.
- Configuring Load Balancers and harnessing AWS services to amplify scalability, reliability, and manageability.

Doc Viewer | *Scripting, Python, Linux* — May 2023
- DocView is a comprehensive script designed to address security concerns within an organization's network by monitoring and responding to file modifications caused by malicious activities.
- Developed the Spring 2023 CIT 383 Scripting course, DocView aims to empower system administrator interns with tools to identify compromised files, notify relevant personnel, and take necessary actions to secure sensitive data.

LEADERSHIP / EXTRACURRICULAR

Presidential Ambassadors | *Northern Kentucky University* — Spring 2022 – Present
- PA's are a select group of students chosen based on academic excellence, community involvement, and dedication to promoting NKU.