Akeem McKenzie

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https://github.com/akeemmckenzie

Professional Experience

Software Engineer   05/2022-Present   Full Stack Development
Ondefend | Jacksonville, FL

I have experience in developing Penetration Testing Commercialized software using Django and React. By integrating the React frontend with prior Django templates, I was able to create a seamless user experience that resulted in a 40% increase in user interaction. Additionally, I refactored the existing logic into scalable infrastructure code in Python on the Django backend, resulting in a 20% increase in speed. As a result of these improvements, the product has been adopted by over 10 companies. I also built REST APIs that were used for easy integration with other applications and integrated third-party APIs such as Auth0 to enhance functionality and security. Developed a starter API service for kickstarting campaigns in C#, allowing users to easily create and launch campaigns. Finally, I developed a CI/CD pipelines in Azure that automated software delivery and streamlined the development process.

Software Engineer   01/2022- 05/2022   Full Stack Development
NLP Logix | Jacksonville, FL

I have experience in integrating EMR (Electronic Medical Records) systems using RPAs (Robotic Process Automation) built in Python. Through my efforts, I was able to increase the efficiency and accuracy of the EMR system by 30%. Additionally, I conducted Research and Development of RPA systems using image recognition, resulting in a 25% reduction in manual labor required for data entry. I have also completed bug and hotfixes throughout company platforms in Python to ensure that they are functioning optimally. As a result, system downtime was reduced by 50% and the number of support requests decreased by 30%.

Software Engineer   04/2021- 12/2021   Front-End Development
Suddath Companies | Jacksonville, FL

As a software engineer, I have effectively completed bug fixes and hotfixes across company web platforms using C# and Angular, reducing system downtime by 30% and increasing overall system stability by 25%. I have also implemented web features and completed API changes for web platforms, showcasing my proficiency in web development. Additionally, I have successfully completed user stories by utilizing the Agile Scrum methodology for the development of new features, ensuring that they meet the needs of end-users. This resulted in a 20% increase in customer satisfaction ratings and a 15% reduction in customer support requests.

Software Engineer   04/2020- 12/2021   Full Stack Development
University of North Florida | Jacksonville, FL

I have demonstrated my proficiency in C# by successfully developing the backend of a third-party website, and I have also completed Angular CRUD operations with REST API endpoints. Additionally, I have experience in creating a Python desktop application that significantly reduced data processing time by 50%. I have completed automated PowerShell scripts that streamlined data management processes, reducing manual labor by 40%. Moreover, I have developed ETL (Extract, Transform, Load) packages that not only increased data accuracy by 30% but also reduced data processing time by 25%.

Furthermore, I have a track record of building and integrating applications into the University's LMS (Canvas) using Python. For instance, I created a CSV comparison tool used by professors to enhance their workflow within with data generated through a workflow or pulled from a database. This tool facilitated data comparison and analysis, enabling professors to make informed decisions more efficiently.
In addition to my technical accomplishments, I have experience in troubleshooting and resolving PowerApps flow issues on SharePoint sites. Through my efforts, I successfully reduced support requests related to email access by 20%.

SharePoint Developer   04/2019-04/2020   Full Stack Development
Regency Centers | Jacksonville, FL

As a SharePoint Developer, I upgraded and migrated the Enterprise SharePoint 2016 site to a refreshed SharePoint 2019 version while ensuring minimal disruption to ongoing operations. I also completed all SharePoint site implementation and data migration between both sites, demonstrating my strong proficiency in SharePoint administration and migration.

Skills

- **Languages**
  Backend: Python | C#   3 years
          : Java   2 years
  Frontend: JavaScript | React |Angular | jQuery   3 years
          : Django Templates   1 year

- **Databases**
  SSMS | MYSQL | SSIS | Azure Data Studio   2 years
  PostgreSQL | PGAdmin | MongoDB   1 year

- **Source Control / Development Platforms**
  Git | .NET Core   2 years
  Docker   1 year

- **Cloud Platforms**
  AWS   2 year

Certifications/Projects

- AWS Certified Cloud Practitioner (February 2024)
- **Mobile dating App built with react native front end and Django backend**
  o Rest API built in Django and hosted on AWS with a Postgres database
  o Django sessions token-based authentication
  o Location based app with radian grid of users
- AI A* Path planning research
- Fitness/Weight Tracker Mobile App
- Sneaker bot built with image recognition and web scraping
- Automated projects built with UI Path

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Education

University of North Florida

Bachelor of Science – Computer Science (GPA -3.6)