

Akshay Reddy Kolipaka

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EDUCATION

University of Missouri, Kansas City

Master of Science in Computer Science

Kansas City, MO

Aug. 2022 – May 2024

Sreenidhi Institute of Science and Technology

Bachelor of Technology in Electronics, communication Engineering

Hyderabad, India

Aug. 2016 – May 2020

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, C, C++, R

Frameworks: Spring, Spring Boot, Spring Data JPA, Spring MVC, Spring Security, Spring Cloud, Django, Junit

Scripting Languages: Python, Bash, PowerShell

Web Development: HTML, CSS, Bootstrap, JavaScript, React JS, jQuery, Angular, Node JS, Express JS

Technologies: OOPS, RESTful APIs, Design Patterns, Micro Services

Methodologies: Agile, Scrum, SDLC

Developer Tools: Eclipse, GitHub, Postman, Visual Studio Code, PyCharm, Docker, Jenkins, Kubernetes

Databases: MySQL, Oracle DB

Cloud Services: AWS - IAM, EC2, S3, RDS, ELB, EBS, Autoscaling Azure - IAM

Version Control: Git, SVN

Libraries: pandas, NumPy, Matplotlib

Other: Proficient in Algorithms and Data Structures, Expertise on SAP Hybris ecommerce Platform

EXPERIENCE

Application Development Associate

Accenture solutions

December 2020 – July 2022

Hyderabad, India

- Specialized in the development and support of the e-commerce website using SAP Hybris Commerce tools, and played a crucial role in designing and implementing a responsive user interface using React. Focused on creating intuitive product listings, an efficient shopping cart, and a streamlined checkout process, ensuring optimal user experience across various devices
- Developed robust server-side logic in Java with Spring Boot, managing essential e-commerce functionalities such as product management, user accounts, and order processing. Contributed to API development for effective front-end to back-end integration. Handled database operations using MySQL, overseeing the structuring, maintenance, and security of data about products, user profiles, and transaction histories. Ensured efficient data management and integrity in compliance with industry standards
- Actively collaborated with cross-functional teams to leverage data analytics and machine learning algorithms for predictive analysis and personalized user experiences. This approach enhanced the recommendation engine, resulting in a 20 percent increase in average customer spend and an improved retention rate

PROJECTS

Placement Information Portal | *Angular, HTML, CSS, Bootstrap, TypeScript, JavaScript, MongoDB, NodeJS, Express's, REST API*

- Developed an all-inclusive website offering in-depth insights into company recruitment procedures, skill prerequisites, and real interview experiences, empowering students to make informed career decisions
- Designed an intuitive interface allowing students to efficiently filter and compare companies based on their preferences
- Website fostering an environment of peer support and knowledge sharing, resulting in a valuable resource for career seekers

Gadget Garage | *JavaScript, PHP, SQL*

- Developed the User Interface using HTML, PHP, CSS, and AJAX
- Stored and accessed the data using SQL Database using Php as a backend scripting Language
- Managed and worked with the team efficiently to complete the project in the stipulated time

Cross-Platform Service Integration for VProfile Deployment

- Services Used- Virtualization: Oracle VM VirtualBox, Vagrant, Web Server: Nginx, Application Server: Tomcat, Messaging System: RabbitMQ, Caching System: Memcached, Search Engine: Elasticsearch, Database: MySQL, MariaDB.
- Led and executed the Profile project setup, orchestrating a multi-VM environment with Oracle VM VirtualBox and Vagrant, integrating crucial services such as Nginx, Tomcat, RabbitMQ, Memcached, Elasticsearch, and MySQL.
- I proficiently managed VM setup, service provisioning, and configuration, ensuring seamless operation across both Windows and Mac platforms. This included automating host management with Vagrant plugins, securing MariaDB installation, and implementing a robust firewall setup for service accessibility, demonstrating my capability in deploying and managing complex, service-oriented architectures.

VOLUNTEER EXPERIENCE

Member of Bachpan prayers (Non-Profit organization)

- Actively engaged in community service and development activities with Bachpan Prayers, a non-profit organization dedicated to improving the lives of underprivileged children. Contributed to organizing educational workshops, fundraising events, and awareness campaigns, aiming to provide better educational and health facilities for children in need. This involvement honed my skills in team collaboration, event management, and community outreach, fostering a strong sense of social responsibility and a commitment to positive societal impact