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SUMMARY

Experienced Software Developer with expertise in web application development, data science, and cloud technologies. Proven track record at Amazon, focusing on applications for Alexa developers and Consumer Managed SageMaker Studio. Holds a Master's in Computer Science, proficient in various programming languages and frameworks. Seeking a Software Development Engineer role for impactful and innovative projects.

EXPERIENCE

Software Dev Engineer

Amazon Service LLC

July 2022 – Present, US, WA, Seattle

- Contributed to the development of a web application for Alexa Lab, enabling A/B experiments for developers.
- Developed a specialized console for Alexa Data Scientists, streamlining workflows and simplifying AWS resource management.
- Implemented a collaborative workspace, fostering seamless resource sharing and teamwork among team members and integrated Consumer Managed SageMaker Studio features into the console for a comprehensive user experience.
- Emphasized time savings, reduced latency, and overall workflow improvement in the integrated solution.
- Contributed to the design and development of the Consumer Managed SageMaker Studio application, prioritizing user experience enhancements.
- Collaborated with the product team as a Technical consultants for multiple workshops and resolved 122 tickets in the past year.

Data Science Intern

ICBiome LLC

July 2021 – August 2021, US, VA, Reston

- Directed a project in hospital data that significantly improved infection prevention efficiency, resulting in a 20% reduction in outbreak response time.
- Orchestrated the end-to-end data process—collection, cleanup, and loading into Amazon RDS using Amazon Lambda—resulting in enhanced data processing speed.
- Applied K-means clustering to categorize hospitals, leading to increased accuracy in identifying high-risk areas and outbreaks.
- Developed user-friendly visualizations with Amazon RDS and QuickSight, contributing to improved stakeholder understanding of complex hospital and genomics data.

Associate Software Developer

Accenture Solutions Pvt Ltd

June 2017 – January 2019, IN, Chennai

- Played a key role in the Operations team, working on a web-based application using C# and MySQL for databases.
- Optimized code and collaborated with developers to fix bugs, ensuring smooth operations.
- Led the creation of a consistent database schema across all application pages.
- Received a monetary award for resolving over 200 user tickets, showcasing effective problem-solving skills.

EDUCATION

Master of Science in Computer Science

Rochester Institute of Technology · Rochester, NY · 2022 · 3.67

• Courses: Topics in Data Management, Big Data Analytics, Database System Implementation, Introduction to Big data, Foundation of Artificial Intelligence, Foundation of Algorithms, Foundation of Computer Vision, Introduction to Machine Learning, Introduction to Computer Graphics.

B.E in Electronics and Communication

Anna University · Chennai, TN · 2017 · 8.45

Courses: Object-Oriented Programming, Database Management Systems, Computer Network, Digital Signal Processing, Image, and Video Processing

CERTIFICATIONS

Specialization Certification in Big Data Analysis

Rochester Institute of Technology · 2022

SKILLS

Programming Language : Java, Typescript, Python, R, HTML, CSS,

Data Visualization : Tableau, Weka

Amazon Web Services: S3, EC2, Lambda, Step Function, QuickSight, SageMaker, DynamoDB

Database: MySQL, MongoDB, PostgreSQL, Amazon RDS, CouchDB, H2 Database

Libraries: NumPy, SciPy, Pandas, Keras, PyTorch, Matplotlib, NLTK, TensorFlow, OpenCV, NetworkX

Tools: Google Firebase, MATLAB, Eclipse, IntelliJ, Pycharm, MongoDB Compass, Google Colab, Jupyter Notebook