Nikhil Baby

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Professional Summary

Precise IT professional and Computer Science graduate with expertise in Java, Spring Boot, Angular, and AWS. Proven track record in customer-facing roles, demonstrating strong problem-solving abilities and meticulous attention to detail. Leveraging a diverse background in healthcare, quality analysis, and retail to contribute effectively as a Full Stack Java Developer. Recognized for exceptional teamwork and a commitment to developing robust and scalable software solutions.

Education

PerScholas   **October 2024**
Full Stack Java Developer Training (over 500 classroom hours)

Western Governors University   **December 2022**
Bachelor of Science in Computer Science

Houston Community College   **December 2009**
Associate in Science in Health and Medical Sciences

Relevant Coursework

- Software Engineering
- Data Structures and Algorithms
- Database Management
- Artificial Intelligence
- Internet Technology
- Systems Programming
- Computer Architecture

Projects

Spam Detection System | *Python, scikit-learn, NLP*   **December 2022**

- Developed an AI-powered spam detection tool using advanced machine learning techniques, achieving 99% accuracy for spam and 94% for ham.
- Created dynamic visualizations (pie charts, histograms, heatmaps, confusion matrix) to analyze the dataset and evaluate model performance.

Routing App | *Python, PyCharm*   **May 2022**

- Developed an optimized package delivery system using the Nearest Neighbor Algorithm in Java, ensuring timely deliveries and scalable operations, while enhancing performance through a self-adjusting Direct Hash Table for constant-time data retrieval.
- Implemented a user-friendly Java-based interface with intuitive functionalities for package lookup and status checks, rigorously tested to ensure accuracy and on-time delivery performance.

Technical Skills

Languages: Java, Python, HTML, CSS, TypeScript/JavaScript, MySQL
Frameworks: Spring Boot, Spring MVC, Spring Data, Hibernate, Bootstrap, React, Angular 14
Developer Tools: VS Code, Eclipse, IntelliJ IDEA
Technologies: Jenkins, Docker, Git, JUnit, AWS (EC2, S3, RDS)

Certifications

- CompTIA Project+   October 2021
- ITIL Foundation Certificate in IT Service Management   December 2021
- CIW Site Development Associate   July 2019

Citizenship Status

US Citizen   **No work authorization/sponsorship required**

Experience

Amazon   **03/2020 − 07/2022**
Fulfillment Center Warehouse Associate   *Windsor, CT*

- Applied data analysis techniques to optimize inventory management systems, enhancing stock level accuracy and improving operational workflow.
- Collaborated with cross-functional teams to implement process improvements, leveraging Agile methodologies to increase efficiency and reduce fulfillment errors.

USPS   **11/2019 − 03/2020**
PSE Mail Processing Clerk   *Hartford, CT*

- Streamlined mail processing by operating automated sorting machines and integrating advanced mail processing technologies.
- Ensured accurate package tracking and delivery through detailed record-keeping and utilization of tracking software.

Aldi   **05/2019 − 11/2019**
Store Clerk   *West Hartford, CT*

- Ensured accurate inventory management and efficient customer transactions by utilizing digital tools and point-of-sale systems.
- Enhanced service quality and staff performance by implementing customer feedback mechanisms and assisting in training on store operations.

USPS   **08/2018 − 03/2019**
Rural Carrier Associate   *McKinney, TX*

- Optimized mail delivery routes and ensured timely service by leveraging GPS and route optimization software.
- Enhanced delivery operations by maintaining detailed logs, implementing route management technologies, and resolving customer issues.

Walmart   **07/2018 − 08/2018**
Tire and Battery Technician   *Plano, TX*

- Diagnosed and repaired vehicle batteries and tires using advanced diagnostic tools and technologies.
- Managed inventory and provided technical support by utilizing digital systems and assisting in the integration of new diagnostic solutions.

Sanmina Corporation   **06/2016 − 02/2017**
Quality Analyst Technician   *San Jose, CA*

- Improved product quality by 15% through conducting quality assurance tests and resolving defects using specialized software and data analysis tools.
- Enhanced testing accuracy by collaborating with engineering teams on protocol development and integrating new quality control technologies.

Texas Children's Hospital   **10/2007 − 06/2016**
Patient Care Assistant   *Houston, TX*

- Provided patient care and support using electronic health record systems.
- Assisted in the implementation of new healthcare technologies to improve patient outcomes.
- Maintained detailed patient records and assisted with administrative tasks.
- Collaborated with healthcare teams to deliver high-quality patient care.