

PROFESSIONAL SUMMARY

Software Developer and **AWS Certified Associate** offering **3 years** of industry experience and a **Master's degree in Computer Science** from the New Jersey Institute of Technology. Expertise in leveraging technical skills in **Java, Python, React, and SQL** to create reliable software solutions (currently **undergoing security clearance** process). Looking to leverage my knowledge in a challenging role to drive business growth.

EDUCATION

<u>New Jersey Institute of Technology, New Jersey, USA</u>	Sept 2021 - May 2023
Master of Science in Computer Science,	
<u>PDM College of Engineering & Technology, Bahadurgarh, India</u>	Aug 2014 - May 2018
Bachelor of Technology in Computer Science and Engineering,	

TECHNOLOGY SUMMARY

Programming: JAVA, Python, JavaScript, SQL, C, C++, HTML, CSS, XML, JSON

Operating Systems: UNIX, Linux

Databases: JDBC, MySQL, Oracle, NoSQL, PL/SQL, MongoDB, Neo4j

Frameworks & Libraries: React.js, NumPy, Seaborn, Pandas, Spring, RESTful web services

Testing: JUnit, JEST, Mockito, Power Mockito

Certifications: **AWS Certified Developer – Associate**

EXPERIENCE

Software Engineer,

Jai Singh and Company (JSc), Haryana, India | Sep 2018 - Feb 2021 (2.5 years)

- Developed and implemented front-end components for a nationwide toll management system using React.
- Managed and optimized data flow through relational databases such as SQL, PL/SQL, and NoSQL.
- Enhanced back-end API functionalities implemented in Java, leading to improved system performance.
- Collaborated cross-functionally with product managers, UX/UI designers, and QA engineers to understand end-user requirements and translate them into robust software solutions.
- Embraced Agile software development methodologies to ensure the delivery of high-quality software within scheduled timeframes.

Technologies: Java, Java Script, SQL, PL/SQL, NoSQL

Software Developer Intern,

Ledvance, Haryana, India | Feb 2018 - Aug 2018 (6 months)

- Collaborated with the software development team, contributing to new features and enhancements of existing tools using Agile practices.
- Developed a parser in Java to convert reports into an easy-to-understand format, improving the reporting process.

Technologies: Python, Java, JUnit

Other Experience

Oct 2023 - Current

Automated Logistics Specialist

United States Army Reserve

- Graduated as Distinguished Honor Graduate, excelling in the management and operation of automated supply systems. Demonstrated expertise in inventory control, data analysis, and process optimization. Proven ability to collaborate effectively in team environments to achieve mission-critical objectives.

Technologies: GCSS ARMY

PROJECTS

CRUD News Website | MERN Stack Project

- Built a user-centric news website, enabling registered users to have a personalized news feed based on their preferences.

Technologies: JavaScript, MongoDB, Express.js, Node.js, Jest, GitHub

Custom Search Engine | Data Processing Project

- Developed a search engine using a custom algorithm that leveraged MapGraph, PageRank, and WebGraph for wiki dump searches.

Technologies: Java, Python