JHANAVI DAVE

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PROFILE

Software Engineer with extensive experience in designing and deploying production systems, specializing in Java development, Spring framework, ReactJS, and API design. Proven ability to create scalable, efficient solutions using technologies like Java, ReactJS, Flutter, UiPath, and cloud platforms.

EDUCATION

Master of Computer Science   AUG. 2022 – AUG. 2024
Illinois Institute of Technology, Chicago, IL**,** GPA, 3.0/4.0
Bachelor of Technology   JUN. 2015 - MAY 2019
Usha Mittal Institute of Technology, Mumbai, India**,** GPA 3.3/4.0

SKILLS

- **Programming & Markup Languages:** Java, Python, C, C++, SQL, JavaScript, HTML5/CSS3, Dart
- **Developer and AI/ML Tools:** Google Cloud Platform (GCP), Google App Engine, Arduino, MySQL, Postgres, Cassandra, MongoDB, NoSQL, MySQL, Neo4J, AWS
- **Frameworks:** JDBC, ReactJS, Node.js, Flutter, RestAPI, JSON, Kafka, Apache Spark, Hadoop MapReduce, Spring Framework, Java EE, Angular JS
- **Libraries:** Pandas, NumPy, Matplotlib, Hadoop

EXPERIENCE

SENIOR TECHNOLOGY ASSOCIATE
Colgate Global Business Services Pvt. Ltd., Mumbai, India   JULY 2019 - JUNE 2022

- **Automated Job Sheet: Led** and **developed** an automated monitoring system for **30k daily SAP jobs**, utilizing **Google App Script**, **JavaScript**, **JSON**, **HTML5/CSS3**, **Docker** and **SAP Production Systems**. Integrated with Google Sheets for **real-time job tracking** and notifications, significantly enhancing operational efficiency. The system **reduced** manual **monitoring time** by **30-45 minutes daily**, improved overall monitoring **efficiency threefold**, and **lowered incident tickets by 15%.**
- **Asia Pacific Demand Sensing Rollout: Developed** and **implemented** a **demand sensing algorithm** for the **Asia-Pacific production region** using **Demand Planning Algorithms**, **SAP APO, R/3 and S/4 HANA**, **Inventory Optimization Tools**, and **data analysis technologies** like **Pandas** and **NumPy**. The **system automatically generated 6-week forecasts** by analyzing **future baseline**, **sales orders**, **shipments**, and **uplifts**. This **improved forecast accuracy by 20%**, **optimized inventory by 15%**, and enhanced deployment efficiency, leading to a **25% reduction in stockouts**.
- **Year-End Automation Initiative: Led** the **automation** in global **production systems** using **Java**, **Python**, **Pandas**, **Matplotlib**, **NumPy**, and **JavaScript**, for analyzing and automating fiscal year transitions over SAP **Production Systems** and SAP **IBP Cloud**, planning area extensions, and time stream regeneration, **reducing five tickets daily** and **improving operational efficiency across Production Systems and IBP Cloud**.

PROJECTS

- **Developed** a **full-stack e-commerce website** for **gaming products** using **HTML5/CSS3**, **Java**, **ReactJS**, **JDBC, RestAPI**, and **MongoDB**. **Enhanced** user engagement by **40%** through **UI optimization** and **reduced server response times** by **25%** with efficient data handling.
- **Developed** a **full-stack web server application** for managing blood and donor records during emergencies using **HTML5/CSS3**, **Java**, **JDBC**, **Google App Engine**, and **Spring Framework**. This system **reduced contact time with emergency services by 70%**, **improving** response **efficiency**. Technologies like **MongoDB**, **MySQL**, and **Google Cloud Platform** were utilized. **Website**: Blood Bank Management using Cloud Computing.

ACHIEVEMENTS

- Recognition for resolving highest support tickets in the year **2021**.
- Awarded "**Rising Star**" for **initiating** and **successfully leading** the **Job Monitoring Sheet Automation project** in 2019.
- Received the **Operational Excellence** and **Technology & Innovation Excellence Award** for automating critical business processes and improving SAP system performance.