

KHUSHI JAIN

Newark, New Jersey (Willing to relocate)

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Education

New Jersey Institute of Technology

Master of Science in Computer Science; GPA: 3.78/4.00

Sep 2022 – May 2024

Newark, NJ

Narsee Monjee Institute of Management Studies

Bachelor of Technology in Information Technology; GPA: 3.61/4.00

Jul 2018 – May 2022

Mumbai, India

Relevant Coursework

- Data Structures
- Operating Systems
- Machine Learning
- Computer Networking
- Software Methodology
- Database Management
- Web Systems
- Computer Architecture

Experience

CodeSpeedy Technology Pvt. Ltd.

May 2021 – Jul 2021

Java Developer Intern

Kolkata, India

- Collaborated with a team of 5 using **JIRA** and **Agile** methodologies to develop **object-oriented libraries**, significantly improving solution efficiency and user satisfaction.
- Developed interactive games using **Java Swing** and **AWT**, boosting user engagement by **30%** through advanced visual and functional features.
- Led the unit testing of **95%** of the codebase, identifying and resolving over 50 critical bugs, which boosted the project's compliance.

Projects

To-do Web Application | React, NodeJS, PostGres

Apr 2024

- Engineered a highly efficient to-do application utilizing NodeJS, React, and PostgreSQL, significantly improving user engagement and task management capabilities.
- Designed and deployed an intuitive user interface along with a robust backend, facilitating a seamless interaction experience for users.
- Optimized application deployment process by implementing Docker containerization and Jenkins CI/CD pipeline, resulting in 40% reduction in deployment time and 25% decrease in system downtime.

Stock Price Prediction | Python, Streamlit

Mar 2024

- Built a real-time web application for sophisticated stock price forecasting using Python, Streamlit, and the Prophet modeling framework.
- Streamlined data handling and user interface, providing users with actionable insights for long-term financial planning and investment.
- Performed interactive visualizations and user-friendly interfaces, significantly improving accessibility and engagement for users analyzing financial data.

Expense Tracker Web App | ReactJS, MongoDB, ExpressJS, NodeJS

Feb 2024

- Constructed a real-time expense tracker web app utilizing MongoDB, NodeJS, ExpressJS, and ReactJS (Redux), improving financial management and budgeting accuracy.
- Improved user experience by integrating responsive design and intuitive navigation features.
- Implemented and managed the CI/CD pipeline using AWS Amplify ensuring seamless and automatic updates.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, NodeJS

Developer Tools: VS Code, Eclipse, AWS, Android Studio, MongoDB, PostGres, JIRA, TensorFlow, Flask

Technologies/Frameworks: Linux, GitHub, ReactJS, ExpressJS

Certifications: AWS Cloud Practitioner, Front End Developer (Meta)

Professional Affiliations

New Jersey Institute of Technology

Sep 2023 – Present

Research Assistant (Analyst)

Newark, NJ

- Leading a team of 6 in a collaborative project with CSU using **ATLAS** software, integrating qualitative assessment techniques that improved research accuracy and informed **strategic decisions**.

New Jersey Institute of Technology

Sep 2023 – Dec 2023

Research Assistant (AR/VR Developer)

Newark, NJ

- Contributed to the development of a virtual museum application using **Unity** software for **AR/VR**, focused on enhancing visitor engagement by creating immersive experiences.

Volunteer Experience

AIESEC

May 2019 – June 2019

Global Volunteer

- Coordinated global volunteer projects, demonstrating flexibility and effective communication in varied cultural contexts.