Hardik Joshi

joshi.hard@northeastern.edu |+1 (857) 200-9265 | LinkedIn | GitHub

EDUCATION

Northeastern University, College of Engineering,   **Boston, USA**
Master of Science in Information Systems   **Expected May 2024**
Course: User Experience Design, Full Stack Development, Data Structures, and Algorithms

RGPV, Shivajirao Kadam Institute of Technology and Management,   **Indore, India**
Bachelor of Technology in Computer Science   **May 2022**
Course: Big Data, SDLC, and Object-Oriented Programming

TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, HTML, CSS, Terraform, SQL
DevOps: Ansible, Docker**,** Jenkins, Kubernetes, AWS Services, Linux, Swarm
Tools & Technologies: React.js, Node.js, Express.js, Figma, Moqups, Mongo DB, GitHub, VS Code
Soft Skills: Attention to detail, Analytical thinking, Communication, Quality focus
Certification: Ultimate AWS Certified Cloud Practitioner, DevOps Beginners to Advanced, Udemy

PROJECTS

Automated CI/CD Pipeline with Jenkins and SonarQube   **Apr2023 – Jun 2023**
- Orchestrated a Jenkins pipeline that continuously monitors the Git repository for code changes every 5 minutes, resulting in swift integration of new code and reducing development delays.
- Integrated SonarQube into the pipeline to automatically assess code quality, ensuring that the pipeline would fail if the code quality score dropped below 80%. This implementation significantly enhanced overall system design.
- Configured the pipeline to generate deployable artifacts after successful build and testing, guaranteeing that only validated and high-quality code was deployed. This improvement increased project reliability and stability by minimizing potential bugs or errors.

Post Pay: E-commerce Website Design and User Experience Enhancement   **Jan 2023 – Apr 2023**
- Led a team of 5 designers in the end-to-end UI/UX design and development of an innovative e-commerce website, resulting in a seamless user experience and increased customer satisfaction.
- Conducted thorough research on 10 popular shopping websites, analyzing their functionalities and identifying areas for improvement, leading to a 30% increase in application performance and efficiency.
- Implemented A/B testing to measure the impact of design changes on user engagement, resulting in a 25% decrease in bounce rate and a 10% increase in average session duration.

Easy Connect: Multi-User Communication System   **Sep 2022 – Dec 2022**
- Managed and coordinated a team of 6 developers in the construction of a multi-user online video conferencing system, resulting in improved effective communication for users.
- Designed an adaptive Front-end framework using React.js, HTML, CSS, and Postman to develop a user-friendly experience for the application.
- Incorporated a robust back-end using MongoDB, Node.js, and Express to enhance application performance and reliability by 30%, enabling seamless group messaging and video calling capabilities for over 10 concurrent users.

Crypto Forex Commodity and Stock Price Prediction   **Jan 2022 – May 2022**
- Developed and implemented a cutting-edge Django framework and machine learning for advanced stock analysis and prediction, resulting in improved accuracy rates of 88% for next-day price predictions.
- Performed a thorough analysis of daily stock prices from Yahoo Finance to create a robust dataset optimized for predictive modeling and problem-solving through regression analysis, significantly enhancing the reliability and resilience of the framework.
- Utilized LSTM and RNN models to train time-series data with object-oriented design, resulting in visually informative visualizations that accurately display next-day stock prices.

EXPERIENCE

Software Engineering Intern, Amstech Technologies, Indore, India   **Sep 2019 – Dec 2019**
- Established high-performing applications, by leveraging cutting-edge technologies such as Nginx, Tomcat, RabbitMQ, Memcache, and MySQL to improve performance for handling multiple connections with automation
- Enhanced the scalability and interface by expertly configuring and integrating multiple services, allowing users to access the platform through load-balanced IP addresses, by handling user load with minimal downtime
- Achieved impressive response times by optimizing codebase with page load time of less than 2 seconds