Naman Mittal

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TECHNICAL EXPERIENCE

Full-Stack Software Engineer, BNY Mellon   Feb, 2023 – Present
- Developed Angular application for the client-facing Credit Line Monitoring system using Angular 14.
- Designed and developed the unit test cases for 100+ components within the Angular application.
- Built a robust application which handles trillions worth of transactions on a regular basis.

Software Engineering Intern, loanDepot.com LLC   June, 2022 – Aug, 2022
- Developed a web service to request payoff and to notify customers of quotes via text, fax, or email using Angular 11, .NET Core 3+, and .NET Framework. 7.2+ which increased the demand for quotes by **80%**.
- Designed customer support chat with a live chat agent feature using Microsoft 365 Dynamics to improve customer service experience by reducing wait times by **70%**.
- Reduced latency and optimized web application performance by **45%** using Dynatrace by monitoring and analyzing performance using 20+ metrics.

Machine Learning Intern, 3-2-1-GoCheck   June, 2020 – June, 2021
- Developed OCR (Optical Character Recognition) system using Python pytesseract library and TensorFlow yolov3 model to achieve **98%** accuracy for the custom object detection and face detection models.
- Improved the entire CI/CD process by integrating Clubhouse with Git repositories which reduced **90%** of the time to manually updating user stories.
- Programmed document automation system using Angular 7 to eliminate **100%** of human intervention in verifying and updating documents.

Software Engineering Intern, Pryzm IT Solutions   May, 2020 – July, 2020
- Converted **50+** UI wireframes into webpages using HTML, CSS, JavaScript, Bootstrap, and React to generate **10,000$** revenue.
- Implemented **20+** REST Microservices for CRUD operations in Java Spring and Spring Boot.
- Developed a dashboard for the Admin Web Portal using Angular 7 and Material UI handling data of 2 million users worldwide.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, MySQL, MongoDB, PHP, JavaScript, HTML/CSS, R, .NET
Frameworks: Angular, Ionic, React, React Native, Node.js, Flask, Django, Material-UI, Bootstrap
Libraries: Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, AWS, Jupyter
Tools: Git, Spring, Spring Boot, JaCoCo, Pandas, NumPy, OpenCV, TensorFlow, Keras, PyTorch, XML

EDUCATION

University of California at Riverside, Masters of Science (**MS**) in Computer Science [3.7/4 GPA]   Sept, 2021- Dec, 2022
Medi-Caps University, Bachelors of Technology (**B. Tech**) in Computer Science [8.3/10 GPA]   Aug, 2017- May, 2021

PROJECTS

Musical Notes Generation using LSTM Neural Networks
- Developed a melodious Musical Notes Generator with an accuracy of **88%** which can be used for any instrument.
- Implemented the neural network on TensorFlow using Python and Kaggle Notebooks for High GPU Performance which decreased training time by **70%**.

Sentiment Analysis on News Headlines and Descriptions
- Created a Winning Sentiment Analyser to predict stock movements with **85%** accuracy based on Internet News.
- Scraped data from multiple Websites using Python and Selenium and integrated it with Flask-based Web Application.

E-Commerce Replica using Java, Spring Boot, PostgreSQL and AWS
- Single-Handedly made an e-commerce application using JAVA, Spring Boot, JSP, PostgreSQL, and AWS.
- Tested the React application with appropriate Concurrency Handling and load Balancing.

LEADERSHIP EXPERIENCE

Student Lead, Student Technical and Innovation Club (STIC)   April, 2020 – March, 2021
• Organize quarterly events like workshops, guest lectures, and Hackathons managing 300+ students.
• Managed 5+ teams to make strategies for effective use of funding for event management.