

Manita Pasi

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EDUCATION

Northeastern University

Master of Science in Information Systems

Boston, MA

September 2021 - December 2023

Mumbai University

Bachelor of Engineering, Information Technology

Mumbai, India

August 2017 - June 2021

EXPERIENCE

Wayfair

Software Engineer Co-op

Boston, US

July 2022 - December 2022

- Engineered a cloud-based analytics dashboard using Java and React, automating CI/CD workflows with Docker and Git, leading to a 50% faster decision-making process
- Integrated Kafka and Cassandra for real-time data streaming in dashboards, significantly enhancing user interaction by 200% in alignment with corporate KPIs
- Optimized forecasting models using Python and machine learning techniques, improving accuracy by 15%, supporting suppliers in SaaS model capacity planning

Chegg

Data Analyst Intern

Mumbai, India

October 2020 - December 2020

- Leveraged advanced statistical analysis using Python, SQL, and Ruby, enhancing operational efficiency by 25%, advancing algorithm development
- Mastered version control with Git, efficiently handling 20+ monthly reports in Marketo, enhancing task management through Kafka
- Pioneered process automation with Hive, boosting processing speed by 40%, enhancing project timelines

Internshala

Data Analyst Intern

Mumbai, India

August 2019 - December 2019

- Analyzed over 500 unique datasets using Python, SQL, and PHP, elevating data pattern recognition by 30%, contributing to UX design improvements
- Delivered strategic data-driven presentations, utilizing Kibana and Splunk for visualization, driving data-informed strategic decisions
- Formulated system evaluations and data integrity protocols with a focus on MVC and RESTful architecture, ensuring 90% data integrity, supporting cross-functional team collaboration

PROJECTS

ChatBuddy | AWS, Lambda, DynamoDB, API Gateway, S3, CloudFront

October 2023

- Designed and deployed server-less chat application, emphasizing infrastructure integration with AWS services, to offer real-time communication
- Optimized and maximized application delivery with API Gateway, S3 and CloudFront, streamlining performance and enhancing the overall user experience

CareerMatch | Python, Scikit-Learn, Spacy, Streamlit, Azure

October 2023

- Employed a machine learning job recommendation system using Python and Scikit-Learn, including data scraping from Glassdoor and feature engineering for model accuracy, enhanced with Spacy for text processing
- Successfully deployed on Azure with a Streamlit-based user interface, offering an intuitive platform for personalized job matches and real-time recommendations

BankSecure | Python, Keras, TensorBoard, Deep Learning

October 2023

- Implemented a secure and robust online banking platform using Java/J2EE, Spring and MySQL, integrating advanced security measures and secure session management
- Developed a responsive front-end using Thymeleaf, Bootstrap, and JQuery, and an admin portal with Angular, enhancing user and administrative experience

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL, R, C/C++, HTML/CSS

Frameworks: React, Spring Boot, Hibernate, Node.js, Flask, AWS, Angular, Selenium

Developer Tools: Git, Docker, Jenkins, Azure, MySQL, Cassandra, Kafka, Google Cloud Platform