Abhishek Thorat

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Technical Skills

Languages: Java, JavaScript/TypeScript , Python
Frameworks: Spring Boot, Spring (Security, MVC, Data JPA), React, Node.js
Tools: Git, SVN, Maven, Jenkins, YAML, Gradle
Databases : PostgreSQL, MySQL

Experience

Software Developer July 2024 – Present

Electronic Payment Services *Mumbai, MH*

- Designed, developed, and deployed scalable full-stack web application to manage ATM sites using **React 18**, **Java 17** , **Spring Boot**, **PostgreSQL** for streamlining the management of ATM sites.
- **Collaborated** with the **operations and finance teams** to automate rent and expense payments for ATM sites, reducing manual efforts and improving process accuracy and data processing speed by **60%**.
- **Developed and deployed** an in-house, cross-platform internal chat application using the **Matrix protocol**, hosting **Synapse** on a self-managed home server to ensure enhanced security and privacy by keeping data exclusively on company servers and disabling federation.

Education

Vivekanand Education Society's Institute of Technology Mumbai, MH

Bachelor of Technology in Artificial Intelligence and Data Science *Feb. 2020 – May 2024*

- **Relevant Coursework:** Data Structures and Algorithms,Object-Oriented Programming (OOPS),Database Management Systems, Operating Systems, Computer Networks.

Achievements

Winner Praxis Hackathon March 2023

- **Developed a comprehensive B2B e-commerce website** enabling farmers to efficiently sell their crops to businesses, streamlining the supply chain
- **Integrated machine learning models to predict crop diseases with an impressive 92% accuracy**, aiding farmers in proactive crop management.
- **Implemented advanced web scraping techniques** to curate and provide the latest agriculture-related news, ensuring farmers stay informed with real-time updates.

Winner AI CoLegion Hackathon Dec. 2022

- **Designed and developed an SCM optimization tool** specifically for small-scale pharmaceutical companies, improving supply chain efficiency.
- **Integrated and fine-tuned three supervised learning models**, achieving an accuracy of **93%**, to optimize inventory and demand forecasting.
- **Deployed the solution on a web platform using Flask**, enabling easy and accessible use by the target companies.

Certifications & Publications

Pharmaceutical Supply Chain Management
May 2024 *Link*

Fundamentals of Deep Learning Nvidia
Jan 2022 *Link*

Applications of AI for Anomaly Detection Nvidia
Completed Sep 2022 *Link*

End-to-End Data Science Workflows Nvidia
Completed Oct 2023 *View Certificate*