

Akshat Narendra Sakharkar

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Skills

Languages: C#, C++, Python, HTML, CSS, SQL

Technologies & Tools: .NET, Django, Git, Nunit, Nsubstitute, PostgreSQL, Unity, Blender, Illustrator, Photoshop

Machine Learning: Tensorflow, Pandas, NumPy, Neural Networks

Work Experience

Philips, Bangalore

Aug 2023 - June 2024

Software Engineer Intern

- **Orchestrated the migration from IBM RTC to Git**, implementing a structured repository architecture and branch management strategies, **eliminating inefficiencies** and enhancing version control.
- Spearheaded a critical **.NET framework upgrade**, **fortifying application security and optimizing performance**, leading to **faster execution times and reduced vulnerabilities**.
- Engineered automated test suites, increasing **code coverage by 6%** across multiple repositories, **reducing bugs and accelerating deployment cycles**.
- Collaborated with cross-functional teams to **maintain and refine CI/CD pipelines**, ensuring **flawless deployments and continuous integration**, which **streamlined release cycles**.
- **Technologies Used:** C#, .NET, Nunit, Nsubstitute, RTC, GIT

Education

Lovely Professional University, Punjab

July 2019 - Jun 2024

Integrated Degree(B. Tech + M. Tech) in Computer Science and Engineering

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms

Projects

Global Spices Export Platform

Aug 2024 - Dec 2024

E-Commerce Website Development

- **Developed a full-fledged e-commerce platform** for global spice export, integrating a user-friendly shopping experience, **secure payment gateway**, and seamless order management system to enhance international trade.
- **Optimized for global reach**, featuring **multi-currency support, and region-based pricing**, ensuring a personalized and efficient buying experience for customers worldwide.
- **Technologies Used:** Django, HTML, Tailwind CSS, JavaScript, PostgreSQL.

Healthcare Decision System

Jan 2022 - Mar 2024

Machine Learning Project

- **Designed and implemented a deep learning system** to analyze patient data and generate **personalized treatment recommendations**, enhancing decision-making in healthcare informatics.
- **Optimized medical data preprocessing**, achieving **85% accuracy** in predictions by refining patient record handling and leveraging advanced neural network architectures.
- **Technologies Used:** Python, TensorFlow, Keras.

Intelligent Stock Market Prediction Model

Jan 2022 - June 2023

Machine Learning Project

- **Developed a neural network model** for **predicting stock prices with 82% accuracy**, enabling informed investment decisions based on real-time market trends.
- **Enhanced prediction accuracy** by integrating **Relative Strength Index (RSI)** and other technical indicators, refining data-driven trading strategies.
- **Technologies Used:** Python, Neural Networks, Pandas, NumPy.