

Adnan Mazharuddin Shaikh

✉ adnanmazharuddinshaikh@gmail.com ☎ (+91) 75175 11075 🏠 Solapur - 413001, MH, India

WORK EXPERIENCE

Persistent Systems

June 2022 – Present

Software Engineer, BFSI Unit

Pune, MH

Project: Wellness Score

- Deployed a machine learning model to help insurance companies predict the health of their clients by providing a wellness score ranging from 1 to 10, with 1 indicating low wellness levels and elevated risk, and 10 indicating high wellness levels and minimal risk.
- Empowered the clients to know their health risks, improve their lifestyles, and track their own progress using the insights gained to provide personalized suggestions and rewards.

Project: Email Classification

- Extracted clean email text and classified whether it was human-generated or automated using Support Vector Machine (SVM), K-Nearest Neighbor (KNN), and Random Forest (RF) machine learning classification algorithms.
- Evaluated the models based on standard evaluation metrics and observed that Random Forest outperformed others, followed by Support Vector Machine.

Project: Reliance General Insurance

- Built a web application using the MVC design pattern in .NET as a cost-saving alternative to direct policy bookings, cutting the administrative labor by approximately two times over the course of a single engagement.
- Improved the web application's stability significantly after refactoring major codebase chunks and resolving critical bugs, leading to a performance increase of over 30%.
- Learned about Microsoft Azure DevOps while collaborating with the support and maintenance teams for software quality assurance and testing.

EDUCATION

Walchand Institute of Technology

October 2018 – March 2022

Bachelor of Technology (B. Tech.) in Computer Science and Engineering

Solapur, MH

- CGPA: 9.81/10.00
- Member, Computer Society of India (2018–'22), contributor to Association Newsletter.
- Varsity Football, 2018 – 22; awarded "Most Valuable Player of the Tournament" for the 2019 – 20 season.

ACADEMIC PROJECTS

Machine Learning to Predict Fake Product Reviews on Amazon

2021 – 2022

- Tackled the complications of spam reviews on Amazon's e-commerce platform by developing a Chrome extension that uses reinforcement learning and user feedback to predict fake product reviews.
- Secured 2nd place in the college-level "Interdepartmental Project Competition" for this thesis project.

Google Replica

2020

- Led this project, where the objective was to replicate various Google services within a single canvas, namely Google Maps, YouTube Music, Google Translate, and Gmail.
- Claimed the top position in the database project competition for deftly creating APIs for data fetching and display using HTML, CSS, Bootstrap, and Javascript.

Horizon Laundry

2019

- Delivered an e-commerce website using Python's Flask framework and MongoDB for the laundry owners of the city for streamlining the management of their work.
- Won the runner-up position at the "WITech" national-level hackathon for this project.

CERTIFICATIONS

- Completed the University of Michigan's "Python for Everybody Specialization," the Duke University and the University of California, San Diego's "Object Oriented Programming in Java Specialization," and The Linux Foundation's "Open Source Software Development, Linux and Git Specialization" via Coursera.
- Acquired the badge of "Microsoft Certified: Azure Fundamentals" from Microsoft.
- Received an accreditation from Amazon Web Services titled "AWS Certified Cloud Practitioner."

EXTRACURRICULAR ACTIVITIES

- Accomplished an Artificial Intelligence internship in 2019 conducted by "ExpertsHub" that embraced training on projects such as "Stock Market Analysis," "Fake News Detection," and "Handwritten Digit Recognition."
- Undertook a six-week industrial Machine Learning training program in 2021 with "Internshala," which covered topics like reinforcement learning, decision trees, clustering, etc., and passed the final exam with a score of 91%.
- Played for the Walchand Institute of Technology football team, which ranked 2nd runner-up in the intercollegiate zonal matches in 2019 – 20.
- Developed a portfolio and hosted it on GitHub pages at <https://10adnan75.github.io/>.