

PRIYANSHI YADAV

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Objective

Recent graduate looking for work as a testing analyst with a passion for using technology to solve problems. I'm prepared to use my expertise in data management, cybersecurity, and software testing to support the company's goals. My goal is to push the boundaries of technology and improve software quality using creative testing techniques.

Skills & Abilities

TESTING SKILLS | Manual Testing • Selenium • Test Case Creation • Test Execution • Defect Tracking

DATA PIPELINES | Apache Kafka • S3 • Spark • Amazon EFS

DATA SCIENCE | Machine learning • SQL • Data Engineering • Git • Pandas • ETL • Matplotlib • Power BI

MISCELLANEOUS | • Python • Java • Amazon AWS • MongoDB • NoSQL • MySQL • PostgreSQL • Bootstrap

SOFT SKILLS | Team Player • Deliver results • Time series analysis • Attention to detail • Analytical Thinking

Education

UNIVERSITY OF SUSSEX

M.SC. IN ADVANCED COMPUTER SCIENCE | SEP 2022 – SEP 2023 | BRIGHTON, UK | SCORED 2:1

- Worked on a project “Botnet Detection of Vehicles (IoV) of CTU-13 Dataset through ML and DL”

UNIVERSITY OF ALLAHABAD

B.SC. IN MATHEMATICS | JULY 2017- NOV 2020 | PRAYAGRAJ, INDIA | SCORED FIRST CLASS

- Worked on a project “Online Quiz App in Java by using MySQL” (03/2020)

Experience

SOFTWARE ENGINEER INTERN | ORBITX AEROSPACE INDIA | APR 2022 -MAY 2023

- Led ATALYAN Aerospace project development using Python and Django.
- Implemented real-time Data Logging for satellite telemetry analysis with SQL and NoSQL.
- Performed integration testing and unit testing for Python and Django applications.
- Developed automated test scripts using Selenium to ensure application stability.
- Achieved 20% reduction in latency by integrating Docker and Apache Kafka.
- Increased system reliability by 25% through the use of AWS for infrastructure management.

TEACHING ASSISTANT | DELHI TECHNOLOGICAL UNIVERSITY | MAR 2020-NOV 2021

- 20+ students I mentored, researched, and helped with clerical work.
- Used a Raspberry Pi to build a home automation system that increased energy efficiency by 25%.
- 40% less time was spent entering data when a cross-platform C# financial tracking software with AWS connectivity was developed.
- Deployed encryption for real-time client-server communication and carried out a security audit.
- Created a food app's front end utilizing HTML, JavaScript, CSS, and PHP.
- Helped create and grade more than 200 students' question papers.

MACHINE LEARNING INTERN | HALANX TECHNOLOGIES PVT. LIMITED | OCT 2019-MAR 2020

- Performed Data Cleaning, Correlation of the parameters, Outlier Detection of the raw data, and represented a unique perspective of the data with the help of Geographical Maps.
- Life Insurance Sales Prediction of a dataset, Computer Vision, and TensorFlow and performed Label Encoding, Imputation, and developed a dashboard with Area Chart, Tree Map, and Clustered Column Charts.
- Developed and compared Logistic Regression, Random Forest, and XG boost classifier where the latter being the best model with the highest accuracy of 84% to predict whether a person takes life insurance or not.

Other Experience

COUNTER CLERK | POST OFFICE | MAY 2023- PRESENT

- Process various banking and postal transactions quickly while following established service standards.
- Handle foreign exchange services.
- Assist customers sending and receiving money transfers using MoneyGram.
- Process bank checks with 99% accuracy, carefully checking client data prevent errors or discrepancy.
- Assist clients with mobile top-up services so they can top up their cell accounts with credit.
- Manage DVLA-related activities, such as registrations, payments for vehicle taxes, and document processing.
- Keep thorough records of every transaction and follow the rules for financial reporting.

PROJECTS

- Student Exam Performance Indicator: Developed and executed test cases to validate the accuracy of performance indicators. | JULY 2024
- Online Bookstore Management System: Implemented automated tests using Selenium to verify the functionality of the web application. | AUG 2024
- HACKATHON | Voice Chatbot Advisor with Fun games | Falmer | FEB 2024
- An Online Payment Service Webapp Using Rest API | MAY 2023
- Analysis And Classification of Dry Bean Dataset Using Machine Learning Algorithm | APR 2023
- Simple Task Manager in C# and .NET | AUG 2023
- Hurdle-Avoiding Robot in Coppeliasim by Lua | APR 2023
- Optimizing Homeostatic Networks: Sensitivity Analysis and Parameter Tuning in Homeostat | JUL 2023
- Groupe Projects Of "N-Queens, Polysphere Puzzle And 3-D Pyramid Puzzle" In JavaScript, CSS | DEC 2022

CERTIFICATE & ACHIEVEMENT

- Research Paper | Premier Insights for Diverse Inimical Attacks for Developing Secured IoT through MQTT Protocol
- Introduction To Cyber Attacks | NEW YORK UNIVERSITY | MAY 2022- JUN 2022
- Course Completion in Machine Learning | CODING NINJA | FEB 2021– JUN 2021
- Graphic Designing | ROTRACT CLUB OF KATHUA, RID-03070, INDIA | DEC 2020-JAN 2022