

Résumé Shreyas Nikam

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Objective: Internship at your organization.

Education:

Qualification	Board/University	Year	Percentage (%)	Class/Division
BE	Savitribai Phule Pune University	2017-2021	83.41 (9.48 CGPA)	First class
HSC (Grade XII)	Maharashtra State Board	2015-2017	90.46	First class
SSC (Grade X)	Maharashtra State Board	2005-2015	94.40	First class

Course Work: Data Structures and Algorithms, Advanced Data Structures, Design and Analysis of Algorithms, Engineering Mathematics- I, II, III, Data Mining and Warehousing, Data Analytics, Artificial Intelligence and Robotics, etc.

Major Project: Grammar Error Detection and Correction System for Hindi Language

Team Size: 4

Aim: Building a Grammar Error Detection and Correction System for Hindi Language

Work Done:

- Did a detailed literature survey of the existing systems and decided upon the implementation model
- Prepared a parallel dataset consisting of grammatically wrong and the corresponding correct sentences for training the model
- Finalized the system design and plan
- Carried out the feasibility analysis and prepared the software system specification document

Tech Stack: Python3, Keras, iNLTK, Tensorflow, HTML, NodeJs

Mini Projects:

1. Time Series Analysis

Team Size: 2

Aim: Time series analysis on transportation data (Artificial Intelligence and Robotics)

Work Done:

- Developed Hypothesis about factors that might affect the passenger count of transportation system and validated them with Exploratory Data Analysis
- Created a function to check stationarity of Time Series Data and Prepared the data by making the non- stationary data to stationary data by first differencing
- Divided the data into Train and Validation to and applied two Time Series Forecasting techniques, the Holt's Linear Trend Model and the ARIMA model
- Predicted the traffic for the next 7 months using the ARIMA model since it had the least RMSE.

Tech Stack: Python3 (Pandas, Numpy, Matplotlib, Statsmodel)

2. Trip History Analysis

Team Size: 2

Aim: Analysis of Capital Bikeshare Trip Dataset (Data Analytics)

Work Done:

- Using trip history dataset that is from a bike sharing service in the United States, predicted the class (registered/casual) of the user
- Performed data cleaning (removal of redundant, irrelevant, missing data) and data manipulation (standardizing, normalizing, discretization and encoding of categorical features)
- Performed classification using Binary Logistic Classifier, kNN Classifier and Naive Bayes Classifier and presented a comparative study of the performances of these algorithms

Tech Stack: Python3 (Pandas, Numpy, Matplotlib, Sklearn)

3. Diabetes Classification

Team Size: 2

Aim: Binary Classification of Pima Indian Diabetes Dataset (Data Mining and Warehousing)

Description of Work Done:

- Using the UCI PIMA Indian Diabetes dataset to predict a person has diabetes or not from the medical attributes provided
- Performed cleaning, transformation, and formatting the data appropriately and compare various classifiers (Binary Logistic Regression, kNN, Naive Bayes and SVM) in order to diagnostically predict whether or not a patient has diabetes

Tech Stack: Python3 (Pandas, Numpy, Matplotlib, Sklearn)

Extra-Curricular Project: An Internship Application Management System

Team size: 4

Aim: To build an internship application management system for the college

Work Done:

- Built a full-stack web application for the management of internship applications
- Provides an interface for the students to keep track of the status of their application, all their required documentation, and adhere to the guidelines of the college
- Teachers can oversee the internship details, accept/reject applications based on the student's history and performance, and generation of reports in accordance with the respective academic years
- The absence of a legacy system makes it ideal for the college to deploy the project

Tech Stack: MongoDB, ExpressJs, NodeJs, React, Redux, Bootstrap

Other Projects:

1. **FXSimplified:** React+Flask-based Forex aggregator to analyze, display and forecast foreign exchange rates.

Link: <https://github.com/ZeroNP/WUTechathon>

2. **MediCheck:** Electron-based Medical Healthcare Symptom Checker.

Link: <https://github.com/ZeroNP/MediCheck>

3. **SudoHelp:** An android application designed for the handicapped, supporting them by helping them find a writer for exams.

Link: <https://github.com/ZeroNP/SudoHelp>

4. **Skypey:** A skype-like chat application based on Redux-React framework.

Link: <https://github.com/ZeroNP/ReactReduxChatAppSkypey>

Internships:

1. At: Electrofield InfoTech, Pune

Duration: From 02/2020 to 07/2020

Managed Database operations using Firebase for Backend as a service (Authentication and Firebase Database) using Javascript and MySql using PHP for unstructured and structured data respectively.

2. At: Gladius Ventures, Pune

Duration: From 04/2020 to 06/2020

Was responsible for scraping:

- Restaurant data from Zomato, Swiggy, and Uber Eats
- Hotels data from Oyo Rooms
- Data for upcoming events in and around Mumbai and Pune. (Sunburn, Solaris, SuperSonic, etc)
- Artists' details from Instagram, Youtube, and Twitter
- Financial Data of these organizations like Income Statements, Balance Sheets, and Cash Flow

3. At: TechSquare, Pune

Duration: From 06/2019 to 01/2020

- Understood and used open source IoT Platform for data collection, data processing and visualization. Created customer-tailored dashboards and added personalized widgets. Was also familiarized with the working of MODBUS and MQTT protocols.
- Worked on web development for a pharmaceutical company using Angular 8, Spring, Javascript APIs and services.
- Created a web development project using MEAN Stack for customer-specific requirements.

4. At: Riskpro Management Consulting Pvt. Ltd., Pune

Duration: From 03/2019 to 05/2019

Designed, developed and deployed a web-scraping project for extracting data from Cibil websites using advanced tools like Selenium, BeautifulSoup and Tkinter

Computer Skills:

Languages: C++, Java, Python, Javascript, SQL, PHP, HTML5

Full Stacks: MEAN, MERN, LAMP

Databases: MongoDB, MySQL, SQLite3, Firebase

Frameworks: Angular, jQuery, Bootstrap, Material

Portrait:

Name: Shreyas Nikam

Date of Birth: 15th June 1999

Languages:

- **English** – Full Professional Proficiency
- **Hindi** – Professional Working Proficiency
- **Marathi** – Native or Bilingual Proficiency
- **Japanese** – Elementary Proficiency

Awards and Achievements:

- Problem Solving (Intermediate) Skills Certification Test - HackerRank
- Codility Golden Award for the Palladium 2020 Challenge - Codility

- Placed in TOP 50 candidates in Online Aptitude Session and MEGA APTITUDE TEST - Dreamspark, India
- Best Performance Award - MMCOE Hackathon, Pune
- Silver medalist in 12th National Cyber Olympiad, 6th International Maths Olympiad and the 15th National Science Olympiad.

Hobbies:

Photo Editing, Origami, Meditation