# Yash Nagare

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Process oriented technical engineer having the right skills to tackle complex problems in a structured approach, with an ability to bounce back with an optimal solution.

## Academic Qualifications:

**Amrutvahini College of Engineering, Sangamner, India**                       **June 2021**
  BE in Computer Engineering                                                   (CGPA – 8.35/10.0)
  **Courses:** Web Technology, Database Management System, Data Structures, Software Modeling and Designing

**Shramik Junior College, Sangamner**                                               **May 2017**
  HSC                                                                      (Percentage – 56.77%)

**Amrutvahini Model School, Sangamner**                                           **May 2015**
  SSC                                                                      (Percentage – 79.40%)

## Academic Projects:

**Flood Disaster Identification using Machine Learning** (BE)

- Developed an effective real-time flood forecasting model for early warning and disaster prevention.
- Built Web App using Python Flask Framework.
- Used Random Forest Classifier to train the model and achieved accuracy of 95.71%.
- Used Python libraries such as Numpy, Matplotlib, Pandas, Seaborn, and Scikit-learn.

**E-Wellness – A Health Tracking System**

- Developed an android application to track real-time health parameters, which are fetched from smart watches using Google Fitness API.
- Used Tensorflow-lite to train Diabetes and Coronary Heart Disease (CHD) model.
- Achieved accuracy of 81.25% to predict diabetes using pima-diabetes dataset.
- Used Firebase to store and retrieve the data.

**Ekvira App – A platform for household businesses**                      **Sept 2020 – Oct 2020**

- This app was developed to get a platform for women who run household businesses and could reach out to the customers
- The app was built on Android Studio using Java Language and database used was MySQL
- Firebase was used for OTP authentication and storing image.

## Technical Skills:

**Frontend Technologies:** HTML, CSS, JavaScript, Bootstrap
**Backend Technologies:** Python, C++
**ML libraries:** Numpy, Pandas, Matplotlib, Scikit-learn, Keras, TensorFlow
**Databases:** MySQL, SQL, Firebase
**Software:** PyCharm, Codeblocks, Git, Android Studio, Visual Code

## Achievements & Leadership Experience:

- Internal Smart India Hackathon Winners.
- Contributed to Open Source – Hacktoberfest 2020
- College Level Coding Competition Winner organized by Indian Society for Technical Education (ISTE).
- HackerRank – Earned Gold Badge in Python and Problem Solving.
- Solved 150+ problems from GFG.

## Interests:

- Problem Solving
- Football
- Travelling