

NIRAJ GUJARATHI

Software Engineer

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Work Experience

Associate Software Engineer

Accenture

📅 August 2019 – May 2020 📍 Mumbai, India

- I have been trained in Java technology; gained experience working in spring framework, git and Jenkins.
- In the recent project, I have been working as a B2B analyst in Application Management Services, gathered an experience working in a dynamic environment and expertise in EDI consulting.

Front-end Developer | Intern

Indian Society for Technical Education.

📅 August 2017 – June 2018 📍 Mumbai, India

- Volunteered as Website Developer and Administration team member at ISTE-KJSCE and TMRT council.
- I have been part of organizing team and Web page designing team for Prkalpa-18 (National Level Project and Technical Paper Competition) which is organized by ISTE-KJSCE.
- Improved loading speed of webpage and optimized the server requirements.

Education

M. Tech. - Computer Science Engineering

International Institute of Information Technology - Bangalore

📅 August 2021 – July 2023 📍 Bangalore

B. Tech. - Computer Engineering

K. J. Somaiya College of Engineering – Mumbai University

📅 August 2015 – May 2019 📍 Mumbai

CGPA - 8.65 / 10

Achievements | Highlights

- Secured **AIR 852 with 99.2 %ile in GATE-CSE 2021**
- Secured **Highest Rating of – 1674 in CodeChef** (3*) participated in various competitions and long challenges
- Solved **250+ problems on LeetCode** platform.
- Published the Technical Paper in [INTERNATIONAL JOURNAL OF COMPUTER APPLICATION \(IJCA\)](#)
- Improved technical skills in Java with ORACLE WORK FORCE DEVELOPMENT PROGRAM also [completed internship in Java 8 with ATS Learning Solution.](#)
- Certified by EC-council in cyber security domain; secured Microsoft certification badge in Azure fundamentals and AI.

Languages | Framework

HTML , CSS , Core-Java
My-SQL , C , javascript
Python , Spring Framework , Unix



Skills

- Skilled in **Website and Software Development Data Structures, Algorithms** , Critical Thinking and Logic.
- Comfortable in Data Science and Cyber Security.
- Strong Creative and Collaborative Skills

Projects

Major Project- Accident prevention of Vehicles by Observing Instantaneous feeds of Driver Drowsiness (AVOID)

- AVOID aims to reduce the number of accidents by detecting driver drowsiness.
- To detect drowsiness, continuous analysis of facial features mainly mouth and eyes are considered and CNN model is used for detecting eye blink and yawning frequency.
- Improved the model accuracy with ELiSH activation function.
- Different camera angle, driver type, image quality, lighting conditions were the major challenges. Improved the existing accuracy that can be achieved in previous experiments.

Weather Prediction Web-App

- Developed a Weather Prediction app using Open Weather API and Cloud foundry cloud storage (Platform as a Service). Application is developed in Node JS framework with basic functionalities like search temperature for different cities.

SVM classifier | sentiment analysis

- Implemented a machine learning model – Sentiment analysis on movie reviews using SVM classifier under the guidance of Professor Dr. J. H. Nirmal

Student Portal

- Website development - Student Portal (StuPo) is the website used to apply for student- railway concession form. Created login page and student's railway concession history which is connected with MySQL database using PHP programming.

GitHub Repositories

- Created **15+ repositories** consist of small scale - case study projects.
- Most of the projects are specific to application development in Java, PHP and My-SQL.

Certifications

