DHRUMIL SHAH

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EDUCATION:

M.S. in Computer Science – California State University, Los Angeles *(*August 2022 – May 2024)
B.Sc. in Computer Engineering – Charotar University of Science And Technology, Gujarat, India. *(*August 2018 – May 2022)

SKILLS:

Programming Languages: Python, Java, JavaScript, C#, Express JS, Angular, React JS Intermediate level: C, C++, Linux, bash.
Development Technologies: Python Flask, Django, Spring Boot, HTML5, CSS, React-Native, Bootstrap, Node.js, REST APIs, jUnit, pyUnit, PHP.
Database Technologies: SQL, MS SQL Server, PHP, MongoDB, NoSQL, Oracle
Software & Tools: Visual Studio, Eclipse, Jupyter Notebook, Google Colab, Eclipse, IntelliJ IDE, Slack, Jira, GIT

EXPERIENCE:

.NET developer Intern, Spontaneous Enterprise Pvt. Ltd, Gujarat, India. (December 2021– April 2022)

- Migrated a code from **.NET 4.5** to **.NET ASP** for an application that manages stock orders for construction.
- Engineered a seamless migration of legacy codebase using **C#** for three critical projects: optimized code structure, achieving a **40% reduction in loading time** and enhancing overall system performance significantly.
- Orchestrated cross-functional collaboration with software developers, marketing specialists, and finance analysts to streamline project timelines and increase product launch efficiency by **40%**.

Fullstack developer intern, Gemini India Pvt Ltd, Gujarat, India. (June 2021 – July 2021)

- Designed a functional and visually appealing website with HTML, CSS, Python, Bootstrap resulted in **elevated efficiency by 70%.**
- Went ahead on a strategic plan with a teammate resulting in **99% website availability** at any given time.
- Satisfactory reviews by the end client.

TECHNICAL PROJECTS:

GenialERP Web-App *(C#, MongoDb, Javascript, HTML)*

- Developed a web application during the summer internship with a coworker which helps to collects orders from vendors of the construction sites.
- Order tracking, Taxation, Reconciliation of stock. Vendors can also view the daily updated price list.
- As a team lead, it was my duty to ensure that the final product was delivered on time and was always available.
- Over **70% less time** passed between buyers and sellers as a result.

Music Classification based on facial expressions *(Python, TensorFlow, MySQL)*

- Web app that gives you music recommendations based on your facial expressions.
- Fast algorithm that gives you music recommendations in seconds with the help of machine learning.
- Directly plays songs on YouTube.

ShoppingX Web-App *(HTML, CSS, JavaScript, Bootstrap, PHP, SQL Server)*

- Is an e-commerce web application that helps users to buy clothes and other accessories online.
- Has voice search and price comparison option.
- All databases were uploaded on SQL Server and connected to frontend and backend through PHP.

Human Activity Recognition System *(Python, MySQL)*

- Automatically classifies/categorizes a dataset of videos on disk.
- Deep learning algorithm that easily identifies a task that is being performed by a human.
- Uses AI technology to map a human through different activities that are stored in the database.

ACHIEVEMENTS:

- Cognitive class.ai Big Data 101 in Big Data Analytics by IBM.
- C++ tutorial to become an expert on Udemy.
- Java tutorials for beginners by Udemy.
- Machine learning, Data Science and Deep learning with python on Udemy.