Sagar Parmar

Software Engineer
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About Me

I am Sagar, a software engineer proficient in Python, Java, C/C++ and a few more. Experienced in web development with frameworks like React, Vue and Spring. I am well-versed in DevOps tools like Jenkins, Docker and Maven. With a strong understanding of databases such as MySQL and MongoDB, I excel in building robust applications. My passion for continuous learning and adapting to new technologies drives my commitment to delivering innovative solutions.

Education

Navrachana University, Vadodara *2021-23*
Masters of Technology in Computer Science and Engineering CGPA: 8.62

Navrachana University, Vadodara *2017-21*
Bachelors of Technology in Computer Science and Engineering CGPA: 8.17

Vidhyut Board Vidhyalaya, Vadodara *March, 2017*
Higher Secondary School Certificate (HSC), Science (PCM) Grade: C1

Kelavani English Medium School, Vadodara *March, 2015*
Secondary School Certificate (SSC) Grade: B1

Projects

Real-Time Face Recognition from Multiple Camera *View Project*
This project is to develop a system that can recognize faces from multiple cameras in real-time.

- Recognition model: Dlib-based ResNet pre-trained model.
- Recognition algorithm : ResNet Neural Network.
- Technology Used: Python3

Real-Time Indian License Plate Recognition with Jetson Nano *View Project*
This project is implemented on Jetson Nano and its results reached 40 FPS.

- Model - License Plate Detection: SSD-Mobilenet-v1
- Model - License Plate Recognition: SSD-Mobilenet-v1
- Technology Used: Python3

Navrachana University Website *View Project*
Developed "Official University Website" and worked with several technologies

- Technology Used : HTML, CSS, JavaScript, Bootstrap, JQuery and Adobe XD

Experience

Software Engineer *Jul, 23 - Present*
NetWeb Software, Vadodara In-Office

- Developed and maintained software applications using Java, Spring Boot, Scala, React.js, Git, Agile Application Development, REST APIs, and Tortoise SVN.

Internship Trainee *Aug, 22 - Jul, 23*
NetWeb Software, Vadodara In-Office

- Learned the fundamentals of Spring Boot
- Learned basics of JUnit

Technical Skills and Interests

Platforms: Windows, Linux, Mac
Programming Languages: C, C++, Python, Java, Scala, SQL, Dart, HTML+CSS
Scripting Languages: Javascript, PHP, R, Bash, VBA
Frameworks: Express, Django, Laravel, Spring, Angular, React, Vue
Database: Oracle, MySQL, MongoDB
DevOps: Git, Maven, Jenkins, Docker, Selenium, Gradle
Web Services: RESTful APIs
Web Servers: Apache HTTP Server, Apache Tomcat, NGINX, NodeJS
Cloud Computing: DigitalOcean, Linode, AWS, Azure, Hostinger
Cloud Platforms: Jira, Confluence, Vercel
Tools: JMeter, Visual Studio, Eclipse

Certifications

Jetson AI Specialist Certificate (2022) *View Certificate*
NVIDIA Jetson

Learn to Code with Python 3 (2020) *View Certificate*
Udemy

Interests

- Photography
- Designing
- Music
- Reading