Shivam Jadhav

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LinkedIn | Medium | GitHub | https://shivamjadhav2000.github.io/Portfolio/

Profile Summary

- Highly skilled software developer with expertise in frontend technologies: Reactjs, Vuejs, HTML, CSS, Javascript
- Experienced in backend technologies: Nodejs, Express, RestAPI
- Proficient in frameworks: Bootstrap, MaterialUI, Chartjs, Apexcharts, Openstreet Maps, GoogleMaps
- Experienced in cloud platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS)
- Solid understanding of application deployment, compute engines, EC2, Nginx, unit files, DNS, and Docker command line server side.
- CloudFlare, network firewall, Docker containers, load balancing, cloud storage, and replicates databases
- Strong knowledge of Python and its libraries: Django, Pandas, NumPy, Matplotlib, Spacy, NLP, OpenCV, machine learning libraries: Sci-kit-learn, PyTorch
- Proficient in machine learning, deep learning, computer vision, and data analysis
- Passionate about both frontend and backend application design
- Strong background in networking and proficiency in TCP/IP protocols, raw data parsing, protocol development, and firmware state machine
- Experienced in standard tools: Git, VSCode, Jupyter Notebook Well-versed in unit testing

Projects

Universal Digital Signage   Lead Full stack Engineer

- Created a centralized solution to easily create and manage digital signage controlling content across all channels and hosts, kiosks intended for the university.
- developed a full-stack web application using MERN and deployed it on an on-premises server. I also added SSL and load balancing, using Nginx for server hosting.

Project link:- https://github.com/imagelessthought/universal-signage

Vehicle Black Box   Lead Full Stack Engineer

- Developed a successful fleet management and diesel eye solution, encompassing front-end, backend, and networking (web sockets io) services
- Expertly deployed multiple projects on Linux-based servers on the Google Cloud Platform, utilizing both IAAS and PAAS services
- Built the entire web application using ReactJs, Vue JS front-end frameworks, and backend technologies like Express.js and Node.js

Project link: - https://dashboard.cyrrup.com

AI-Based LHB Coach Defect Detection System Railways   Lead Full Stack Engineer

Key Contributions:

- Trained a custom CNN model from scratch using PyTorch
- Developed a full-stack web application using,reactjs, Vuejs,django, Node.js, MongoDB, and Expressjs.
- Developed the frontend and backend services using Vue.js, Django, Node.js, MongoDB, and Express, and deployed the application on the Google Cloud Platform
- Deployed frontend and backend services to the cloud using GCP
- Created cloud storage buckets for Model weights and images storage .

Work Experience

IT Specialist - Student Asst   University of North Texas, Denton, United States

Sept 2023 – Present

- Led full-stack development, creating a device-independent content delivery system.
- Spearheaded the development of a full-stack universal digital signage solution using ReactJS, Material UI, NodeJS, ExpressJS, MongoDB, typescript, docker, and git.
- I created and deployed a digital signage solution on an on-premises server using nginx, PM2, and Linux unit files.

Full Stack Engineer   Cyrrup Solutions Pvt Ltd, India

Mar 2021 – Aug 2023

- Successfully developed fleet management and AI solutions, showcasing expertise in Vue.js, Node.js, and Express.js, redis.
- I have completed multiple projects on the Google Cloud Platform, ensuring that they meet high standards and are scalable.

Education

Master of Science in Computer Science
University of North Texas, Denton, Texas, United States   Expected Graduation: Aug 2025

Certifications

- AWS Web Services Cloud Practitioner by Udemy,
- Google Cloud Platform Fundamentals by Coursera,
- Deep Learning Specialization by deeplearning.ai,
- Databases and SQL for Data Science - IBM Certified

Awards and Accomplishments
- Received a bonus check within the first month for outstanding performance
- Recognized with two increments awarded twice a year for my skills and dedication to delivering high-quality solutions.