SHIVANSH GULERIA

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Projects

shortCuts | *Python, Javascipt, FAST API, Git, Postgres SQL*   **September 2023**
- Programmed a link shortner service using *Fast API* and Postgres SQL as backened
- Developed a minimalistic frontend using HTML/CSS, used Javascript for handling POST request to API.
- Designed a JSON API for basic CRUD operations, used to manage courses.
- Containerized the application, and published it onto fly.io.
- Connected PostgesSQL to the application using psycopg python module for data storage.

codeFuel | *JavaScript, NodeJs, Express, GitHub, GitHub Actions, JSON, API, Bootstrap*   **January 2023**
- Developed a web application for users to learn new skills and get certified.
- Formulated system architecture and basic layout for the application, integrated PugJs to implement the basic layout
- Designed a JSON API for basic CRUD operations, used to manage courses.
- Merged Third party certificate API and Disqus chat suit to provide certificate and chat support respectively.
- Programmed a GitHub action CI/CD pipeline to automatically send updated code to fly.io cloud machine when there is a commit or push.

loc8r | *MongoDB, NodeJs, ExpressJs, PugJs, Bootstrap, Google Maps API, GitHub Actions*   **January 2023**
- Created a web application where users can find a place with Wi-Fi to work when outside.
- Modified open-source Amelia theme and bootstrap to create a stunning UI for better accessibility.
- Modelled a MongoDB schema for better no SQL operation. Used MongoDB to store user information and cafe information.
- Used Google Map API suite to pinpoint actual location.
- Constructed a GitHub Actions CI/CD pipeline to push updated code to cloud machine.
- Dockerised the whole project to run in container for better scalability.

Get-it-Quick | *Python* — **SRM Techno Hackathon**   **April 2022**
- Developed an application to screen an applicant's resume by analysing factors such as background, education, and professional experience and recommend jobs based on it
- Used several python libraries such as PyPDF2, Regex, Pandas, and Matplotlib to process, applicant's resume and visualize it.

Misc Projects | *JavaScript, HTML/CSS, API, jQuery, Firebase, etc*   **Aug 2022**
- Various projects done while learning Y skills.

Education

SRM Institute of Science and Technology   **Sep. 2021 – June 2025**
Bachelor of Technology in Computer Science   *Chennai, Tamil Nadu*

Leadership / Extracurricular

SRM Indian Energy Conference   **Aug 2022 – Aug 2023**
Technical Team Member
- Contributed in creation of club website.
- Collaborated with a team of fellow developers to bring the website to life

Technical Skills

Languages: Python, C/C++, HTML/CSS, JavaScript, MySQL, PostgresSQL, Bash, Pug
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Vim
Technologies/Frameworks: Linux, Hugo, Pug, Git/GitHub, WordPress, Node.js, Express.js, Fly CLI, Docker

Languages

English- Working Proficiency
Hindi- Working Proficiency
French- Elementary Proficiency