

Prashant Upreti

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EDUCATION

Texas Tech University, Lubbock, Texas

Graduation Date: August 2022

Bachelor of Science in Computer Engineering, Minor in Mathematics and Computer Science

GPA: 3.60

EXPERIENCE

Personal Projects

August 2017-Present

Full Stack Developer

- Integrated Laravel and Express.js with Vue.js, Tailwind CSS, and Bootstrap.
- Chose MySQL and MariaDB for database and skillfully structured and connected tables.
- Devised interactive admin dashboards to perform various CRUD functions.
- Expert in working with Queues and Scheduler in Laravel and Node.js.
- Experienced in mixing WebSocket, using REST APIs on Laravel, and working with WordPress REST APIs.
- Built and deployed website with best SEO score and great UX performance.

University Advising, Texas Tech University, Lubbock, TX

October 2020-May 2022

Web Developer

- Designed, developed, and updated homepage of University Advising Office and sub-departments.
- Simplified the making of Pre-Professional Health Careers' Virtual Fair website using Laravel.
- Created a responsive homepage for Tech Transfer Acceleration Program using Foundation framework.
- Worked on updating the landing page of University Advising's Orientation webpage.
- Responsible for updating contents and medias in other webpages of University Advising.

Home-Weather Station Project, Project Lab III, Lubbock, TX

August 2021-December 2021

Full Stack Developer

- Coded the backend in PHP and hosted on the internet with POST and GET scripts.
- Used C-programming in Raspberry Pi to get data from sensors every minute.
- Inserted the collected data to a MySQL database using a REST API POST URL using the Raspberry Pi.
- Programmed an Android App in JAVA using Android Studio that acted as a mobile GUI.

License Plate Detection Project, Project Lab II, Lubbock, TX

June 2021-August 2021

Full Stack Developer

- Integrated Pi Camera module with Raspberry Pi to capture an image of a license plate.
- Used Tesseract and OpenCV with Python in Raspberry Pi to extract texts from a license plate image.
- Constructed GUI to enter license plate number into MariaDB using Python scripts and SQL query.
- Utilized that entry from MariaDB to compare the extracted license plate number from the image.
- On successful comparison a DC motor was ran simulating the opening of a gate.

SKILLS/AWARDS

• Technical skills

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|-----------------------|---------------------------|----------------------------|
| ○ C/C++ (Proficient) | ○ JavaScript (Proficient) | ○ MySQL + MariaDB |
| ○ Java (Proficient) | ○ Vue.js (Proficient) | ○ WP + Rest API |
| ○ PHP (Proficient) | ○ Laravel + Node.js | ○ Bootstrap + Tailwind CSS |
| ○ Python (Proficient) | ○ WebSocket (Proficient) | ○ Git (Proficient) |

• Scholarships and Awards

- Presidential Scholarship (Fall 2018-Spring 2022) [Merit-Based]
- President's List (Fall 2018, Spring 2019, Spring 2020) [Merit-Based]