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: 3.50**

EXPERIENCE

Home-Weather Station   *Project Lab III*   August 2021-December 2021
- Built an Android App in JAVA using Android Studio
- Used C-programming in Raspberry Pi to get data from sensors every minute
- Inserted data to a MySQL database using a REST API POST URL and PHP scripts
- Android App was used as a GUI to read that live fed data through the REST API GET link

Full Stack Developer   *Personal Projects*   August 2017-Present
- Learned Laravel MVC Framework to create productive web applications
- Trained on integrating Laravel with Vue.js, Tailwind CSS, and Bootstrap
- Designed interactive admin dashboards to control perform various CRUD tasks in web applications
- Experienced in mixing WebSocket, using REST API on Laravel, and working with WP REST API
- Built a website with best SEO score and great UX performance

License Plate Detection   *Project Lab II*   June 2021-August 2021
- Used OpenCV with Python via Raspberry Pi and the Pi Camera module to capture the license plate
- Designed GUI to save license plate into MariaDB using python scripts and SQL commands
- Used that entry from MariaDB to compare the license plate picture from Pi Camera module
- On successful comparison a DC motor was ran

Web Development   *University Advising, Texas Tech University*   October 2020-May 2022
- Designed and updated homepage of University Advising Office and other departments under it
- Updated the Virtual Fair website of Pre-Professional Health Careers department using the Omni CMS
- Generated HTML tags by programming in Laravel and using a MySQL database for the Virtual Fair site
- Designed the homepage of Tech Transfer Acceleration Program using HTML, CSS, and jQuery
- Responsible for updating contents and medias in other webpages of University Advising

SKILLS/AWARDS

- **Technical skills**

o C/C++	o JavaScript	o MySQL + MariaDB	o TailwindCSS
o Java	o Vue.js + Nuxt.js	o PHP	o Jekyll
o Python	o Laravel + Node.js	o WP + Rest API	o Git
o Android Studio	o WebSockets	o Bootstrap	o Adobe Photoshop

- **Scholarships and Awards**
  - Presidential Scholarship, President's List (Fall 2018, Spring 2019, Spring 2020)
  - TTU Conoco CPCEED ENGR Scholarship (Spring 2019)
  - TTU Study Abroad Desg Scholarship (Fall 2019)
  - TTU Brewster FUSE End ENGR Scholarship (Fall 2020, Spring 2021)
  - TTU DM Rich End ENGR Scholarship (Fall 2020, Spring 2021)
  - TTU CV Bullen EE Scholarship (Fall 2021, Spring 2022)
  - TTU Dawn Rich Quasi ENGR Scholarship (Fall 2021, Spring 2022)
- **Languages**
  - English, Nepali, and Hindi