

SHASWAT SHUKLA

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EDUCATION

Purdue University | West Lafayette, IN, U.S.

Aug. 2024 – May. 2026

- Master of Science (B.S) in Computer Science
- Enrolled Courses – Data Communication & Computer Networks, Human-Robot Interaction

University of New Mexico | Albuquerque, NM, U.S.

Jan. 2019 – Dec. 2022

- Bachelor of Science (B.S) in Computer Science
- GPA – 3.97/4.0
- Relevant Coursework – Object Oriented Programming in Java, Data Organization, Data Structures and Algorithms, Software Engineering, Computer Architecture, Operating Systems, Cybersecurity, Computer Networks

WORK EXPERIENCE

Software Developer 1

Mar. 2023 – Feb. 2024

New Mexico Environment Department | Santa Fe, NM

- **Built** a **responsive** single page JavaScript **application** to **display** pollution levels across New Mexico in a tabular format by **fetching** data from a **RESTful API**
- **Created** a PHP **application** that **recursively** scans **CSV** files for defaulters in online payments for pollution certificates
- **Managed** and **maintained** legacy **applications** in PHP, ensuring continued functionality and incorporating enhancements as needed
- Technologies used: **HTML, CSS, JavaScript, Node, Express, PHP**

Web Developer

Feb. 2023 – Mar. 2023

Great Plain Partners Venture Group | Remote

- Independently **designed** and **developed** a **responsive** multi-page website from scratch using **HTML, CSS** and **React**
- **Managed** the entire web development lifecycle, from initial concept to final **deployment** on **Netlify**, ensuring seamless functionality and **user experience**
- Utilized **Chrome DevTools** to conduct cross-device **testing**, ensuring consistent **user experience** across all platforms
- Website link – <https://greatplainsventures.com>

Software Developer Intern

Sept. 2022 – Dec. 2022

New Mexico Administrative Office of the District Attorney | Albuquerque, NM

- **Developed** a **web application** to streamline and digitalize the procurement and requisition process from paper forms to electronic forms
- **Enhanced user experience** of the e-forms by **implementing** dynamic **error messaging**, providing users with clear, real-time feedback and actionable solutions
- **Created** an interactive **dashboard** for users to access all the required e-forms at one place
- Technologies used: **React, Bootswatch, PostgreSQL**

Machine Learning Intern

July. 2022 – Aug. 2022

Stanford University | Palo Alto, CA

- Project – **Vision** Based Navigation in TurtleBots
- **Created** a deep learning model for **autonomous** navigation in TurtleBots through a path of static obstacles using camera images as training data
- Technologies used: **Python, Linux, TensorFlow, OpenCV**

SKILLS

Programming – HTML, CSS, JavaScript, Python, Java, MySQL, PostgreSQL, MongoDB

Frameworks/Libraries – React, Angular, Node.js, Flask, Spring, Spring Boot, PHP, Material UI, Sass/Less, Bootstrap

Tools/Technologies – Git, AWS, Rest API, Linux, Webpack, Babel, VS Code