

# PRASHANT CHAUDHARY

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## Summary

Full Stack Developer with 2+ years of experience optimizing platform performance and building scalable web applications. Skilled in React.js, JavaScript, and Python-based backend development. Adept at AI-driven solutions, UI/UX improvements, and delivering measurable outcomes aligned with business goals.

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## Skills

- **Frontend:** React.js, JavaScript (ES6+), HTML5, CSS3, Svelte, Redux Toolkit, Bootstrap, jQuery
  - **Backend:** Python, PHP, FastAPI, REST APIs, Machine Learning
  - **Database:** MySQL, MongoDB
  - **UI/UX & Tools:** Figma, Canva
  - **Other:** Git/GitHub, WCAG 2.1 Accessibility Standards, SCORM, Agile Development
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## Experience

Sr. Application Developer - uCertify

Feb 2023 - Present

- Played a key role in enhancing the uCertify platform by improving **functionality, system performance**, and ensuring **optimal user experience**.
- Migrated the website from **Bootstrap 4 to Bootstrap 5.3**, achieving a **30% faster page load speed** and leveraging modern **UI features**.
- **Automated the catalog mapping** process by integrating **AI with Pinecone**, reducing **manual effort by 95%**.
- Designed & implemented innovative interactive modules – **Hardware Lab, Sandbox for Virtual Labs, and SCORM** – used by **10,000+ learners monthly**.
- Enhanced **UI and functionality** of **20+ modules**, improving overall usability.
- Developed an **AI Auto Create Tool** using **Python and FastAPI**, automating generation of diverse question types and improving **content creation efficiency by 50%**.
- Built an **AI-powered Slide Generator (Python, FastAPI)** that analyzes textual content and converts it into structured presentation slides.
- **Collaborated with Google's core team** on an AI-driven project, creating an advanced **AI Auto Create Tool** capable of processing entire books to generate **questions, slides, and videos**, reducing **manual creation time by 70%**.
- Integrated **WCAG 2.1 accessibility** standards into the development lifecycle, improving inclusivity and surpassing accessibility compliance goals.

## Projects

- **ZyraWear – Fashion E-Commerce Website**
    - Designed and developed an e-commerce platform showcasing fashion products with features like product catalog, search, and responsive UI. Implemented sections such as Home, Shop, About, Contact, and Blog, ensuring a seamless user experience with premium design and optimized performance
    - <https://zyrawear.netlify.app/>
    - Tech stack: React.js, HTML/CSS, Bootstrap, JavaScript
  - **Depression Detection System (ML & NLP)**
    - Developed a machine learning and NLP-based model to detect depression from natural language input. Collaborated with a 4-member team under faculty guidance. Recognized by Hindustan College for innovation.
    - Project Thesis : Depression detection using Social Media activities
    - Tech stack: Python, scikit-learn, NLP libraries
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## Education

<b>Bachelor of Technology (B.Tech), Computer Science</b> Hindustan College of Science and Technology, Farah Mathura	<b>Aug 2019 - Aug 2023</b>
<b>Intermediate</b> Vijaya International School, Agra	<b>Jul 2017 - Jul 2019</b>
<b>High School</b> S. S Public School, Agra	<b>Jul 2016 - Jul 2017</b>

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## Certifications & Achievements

- 4-Star Python Certification on HackerRank
- Recognized by Hindustan College for innovative ML project