Praval Sugandhi

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Professional Summary

- Passionate and results-driven **Software Developer & QA Tester** with hands-on experience in **full-stack development** and **manual software testing**. Skilled in building responsive and scalable web applications using **HTML, CSS, JavaScript, Bootstrap, PHP, Flask, Django**, **REST API** and **MySQL**.

- Proven ability to deliver quality software solutions and ensure product reliability. Developed impactful projects including an **Instagram Post Analyzer**, **Virtual Diary**, and a **personal portfolio**. Strong problem-solving mindset with a B.Tech in Computer Science Engineering (CGPA: 8.69).

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, Bootstrap

- **Backend:** PHP core, Flask, Django, API Development

- **Database:** MySQL

- **Programming Languages:** C, C++, Python

- **Concepts:** Object-Oriented Programming (OOP)

- **Testing:** Manual Testing, Test Case Design & Execution, Bug Tracking (JIRA)

Education

- **Chameli Devi Group of Institutions, Indore**
  B.Tech in Computer Science Engineering | Aug 2020 – May 2024
  CGPA: 8.69

- **Alpine Public School**
  Higher Secondary Certificate (XII - PCM) | June 2019 – April 2020

- **Shree Vaishnav Academy**
  Secondary School Certificate (X) | April 2017 – June 2018

Professional Experience

Software Development Engineer
American Chase | Feb 2025 – Present

- Developed and maintained scalable web applications using Django and JavaScript.

- Integrated RESTful APIs and worked on backend optimization for improved performance.

- Collaborated in agile teams to deliver user-centric features and ensure high code quality.

- Participated in code reviews and automated testing, contributing to deployment pipelines.

QA Manual Tester
TechnoToil, Indore | Sep 2024 – June 2025

- Designed and executed test cases to identify bugs based on software requirements.

- Reported and tracked issues, collaborating with the development team to resolve defects.

- Ensured software met high quality standards through functional and regression testing.

- Improved test coverage and contributed to enhanced user satisfaction.

Internships

Python Developer Intern
Technohacks EdTech (Virtual) | Jun 2023 – Jul 2023

- Built Python-based applications, gaining real-world programming experience.

- Strengthened problem-solving and collaboration skills in team-based environments.

Web Developer Intern
Txon (Virtual) | Jan 2023 – Feb 2023

- Created dynamic web applications and practiced agile development methodologies.

- Applied responsive design and user expeerince principles.

Web Development Intern
Oasis Infobyte (Virtual) | Dec 2022 – Jan 2023

- Designed responsive websites using HTML, CSS, and Bootstrap.

- Enhanced UI/UX and followed web development best practices.

Projects

Virtual Diary
Technologies: Django, HTML, CSS, JavaScript, Bootstrap

A secure and interactive web application where users can write and manage their personal thoughts and diary entries.

- **User Features:** Users can create accounts, log in securely, and write diary entries in a user-friendly interface.

- **Admin Controls:** Admin has the ability to deactivate user accounts, which triggers an auto-logout mechanism. Deactivated users are prevented from logging in again, enhancing platform security and moderation.

- Implemented using Django for backend logic and Bootstrap for responsive design.

- Focused on both user experience and robust access control mechanisms.

Instagram Post Analyzer
Technologies: Python, Instaloader, NLP, BERT

- A tool that analyzes emotional tones in Instagram post comments using NLP techniques.

- Used BERT to classify sentiments such as joy, fear, love, sadness, and surprise.

- Visualized sentiment distribution via pie charts for deeper social media insights.

Portfolio Website
Technologies: HTML, CSS, Bootstrap

- A personal portfolio showcasing projects, skills, and achievements.

- Designed for visual impact and responsiveness across all devices.

- Demonstrates frontend proficiency and attention to user experience.

- Link- https://pravalsugandhi4.github.io/portfolio/