

SARVESH MISHRA

Uttar Pradesh, India | sarveshmishra.py@gmail.com | [LinkedIn Profile](#)

Software Development Engineer with hands-on experience developing **full-stack web applications**, **AI-powered solutions**, and **automation systems** using **Next.js**, **React**, **TypeScript**, **Python**, and **SQL**. Experienced in scalable software development, REST API integration, workflow automation, and delivering production-ready applications across frontend, backend, and database technologies.

PROFESSIONAL EXPERIENCE

Software Development Engineer I | Ashna AI

Mar 2025 – Present

- Joined Ashna AI as a Frontend Development Intern and progressed to **Software Development Engineer I**, taking ownership of multiple production applications across the company's product ecosystem.
- Independently designed and developed **Campus**, a recruitment and campus ambassador platform, and **Learn**, a full-stack Learning Management System, from concept to deployment using **Next.js**, **TypeScript**, **React**, **Tailwind CSS**, **SQL**, and **REST APIs**.
- Leading the end-to-end development of **ScholarRank**, a scalable assessment platform featuring **role-based workflows**, **test management**, **analytics dashboards**, **authentication**, and **AI-powered administrative capabilities**.
- Engineered AI-assisted workflows** orchestrating multiple backend services to enable natural-language administration while collaborating with cross-functional teams to optimize performance, integrate backend APIs, and deliver production-ready features.

Engineering Consultant | Fusse Market Pvt. Ltd.

November 2024 – Present

- Led end-to-end engineering delivery for client engagements, translating business requirements into scalable technical solutions from architecture and development through deployment.
- Designed and developed full-stack web applications, automation systems, and business platforms using **Next.js**, **React**, **TypeScript**, **Python**, **PHP**, **MySQL**, **REST APIs**, and cloud technologies.
- Partnered directly with clients to define project scope, recommend technical solutions, estimate implementation effort, and coordinate successful project delivery.
- Managed a small engineering team while overseeing deployments, infrastructure, third-party integrations, and long-term application maintenance.

Python Intern | LISAT Solutions

February 2022 – August 2022

- Developed Python-based automation solutions to extract, transform, and organize large datasets from web sources using **BeautifulSoup**, **Requests**, and **JSON**.
- Built automated pipelines for periodic web content collection and structured data processing, significantly reducing manual effort and improving data accuracy.
- Collaborated on automation projects involving web scraping, data validation, and workflow optimization to support business operations.

EDUCATION

Bachelor of Technology (B.Tech.) – Computer Science & Engineering

Noida Institute of Engineering & Technology (NIET), Greater Noida, Uttar Pradesh | October 2024 – Expected 2028

CGPA: 8.20/10

Senior Secondary (Class XII)

Hem Sheela Model School, Durgapur, West Bengal | 2024

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, SQL, Java, C++, PHP

Frontend: HTML5, CSS3, React

Frameworks & UI: Next.js, Tailwind CSS, Bootstrap, Material UI, Magic UI

Backend: Node.js, Express.js, REST APIs

Databases: PostgreSQL, MySQL, MongoDB, Firebase Firestore

Tools & Platforms: Git, GitHub, Postman, Vercel, Render, Firebase Hosting, Cloudinary

AI & Automation: OpenAI API, Prompt Engineering, Workflow Automation, Selenium, BeautifulSoup, Requests

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), Authentication & Authorization (JWT), Role-Based Access Control (RBAC)

PROJECTS

ScholarRank (Ashna AI)

Next.js • TypeScript • PostgreSQL • REST APIs • JWT • RBAC

- Designed and developed an AI-powered assessment platform enabling organizations to create, manage, and conduct online assessments through role-based workflows.
- Built AI-assisted assessment management capabilities, including natural-language test creation, secure JWT authentication, RBAC, analytics dashboards, and REST API integrations.
- Developed scalable administrative workflows for question management, candidate evaluation, and assessment lifecycle management.

Ashna Learn (Ashna AI)

Next.js • React • TypeScript • SQL • Tailwind CSS

- Designed and developed a full-stack Learning Management System supporting course management, authentication, user administration, and content delivery.
- Built responsive interfaces and integrated REST APIs for course, user, and content management workflows.
- Implemented scalable frontend architecture using Next.js, React, TypeScript, and Tailwind CSS.

CERTIFICATIONS

Postman API Fundamentals Student Expert – Canvas Credentials | Nov 2024

Problem Solving (Basic) – HackerRank | Sep 2024

Programming in C – Infosys Springboard | Apr 2025

Data Structures & Algorithms using Python – Part 2 – Infosys Springboard | Sep 2024

ACHIEVEMENTS

Top 5 – Code-A-Thon 2.0 | CodeTantra | Mar 2025

First Place – Level UP Workshop & Competition | Reboot Club, NIET | Aug 2025

6th Rank – Smart Coders Challenge 2.21 | B.P. Poddar Institute of Management & Technology | Jul 2021