

ARYA SINHA

Pune, Maharashtra

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Education

PES Modern College of Engineering

B.E Electronics & Computer Engineering (CGPA: 9.38)

2023 – Present

Pune, India

Experience

Frontend Developer Intern | Dimakh Consultants Pvt. Ltd. | May 2026 – Present

- Developed and maintained responsive business websites using **Next.js, React.js, TypeScript, PHP, Bootstrap, and jQuery**.
- Built reusable UI components and implemented responsive, cross-browser compatible interfaces following modern web development practices.
- Optimized website performance, SEO, and user experience while collaborating with the development team on production-ready applications.
- Worked with **Git/GitHub, VS Code, Vercel, FileZilla, and Postman** for version control, deployment, debugging, and project management.

Tata Group Data Analytics Job Simulation | July 2025

- Performed **AI-powered analytics** and exploratory data analysis using **GenAI tools** for financial services use cases.
- Built predictive models for customer delinquency risk assessment to identify potential financial liabilities.
- Designed automation-driven strategies to streamline collections and support regulatory compliance.

Projects

JalSakhi - AI Precision Agriculture Platform *Next.js, FastAPI, Python, MongoDB*

- Developed an **AI-powered agriculture platform** for crop management, irrigation tracking, and water prediction with real-time weather integration.
- Implemented **soil moisture forecasting** and anomaly detection to optimize water utilization and improve agricultural decision-making.
- Built **admin dashboards** for village management, AI-driven water allocation, and analytics-based monitoring.

Mpulse College Fest Website *Next.js, React, TypeScript*

- Developed the official **college fest website** using **Next.js**, delivering a responsive and modern user interface.
- Optimized the application for **high SEO**, fast page load times, and excellent performance using server-side rendering and image optimization.
- Designed reusable components and ensured **cross-device compatibility** to provide a seamless user experience.

Marg-Darshak - Accessibility Platform *React, Node.js, MongoDB*

- Built an **accessible web platform** for visually impaired users using assistive UI/UX principles.
- Enhanced usability through **voice-assisted interactions** and simplified navigation workflows.
- Implemented a **responsive design** to ensure seamless accessibility across desktop and mobile devices.
- Applied accessibility best practices to improve user experience and promote digital inclusivity.

Achievements

- Finalist** among **1 crore+** registrations nationwide at **India Innovates 2026**, held at Bharat Mandapam, New Delhi.
- Semi-finalist** in **E-Yantra Innovation Challenge (2024-25)**.
- Recipient of **Katalyst Scholarship (2023-2027)** and **Yuva Scholarship (2023-2027)**.
- Solved **160+** questions on Leetcode.
- Completed professional certifications in **Software Engineering (IBM)** and **Data Analytics (Google)**.

Technical Skills

- Languages:** C, C++, Python, JavaScript, TypeScript, PHP
- Frontend:** HTML5, CSS3, Bootstrap, Tailwind CSS, React.js, Next.js, React Native, jQuery
- Backend:** Node.js, Express.js, FastAPI
- AI Technologies:** LLMs, RAG (Retrieval-Augmented Generation), Prompt Engineering, AI Agents
- AI/ML Libraries:** NumPy, Pandas, Matplotlib, Scikit-learn, OpenCV, YOLOv8, Streamlit
- Databases:** MySQL, MongoDB
- Developer Tools:** Git, GitHub, Docker, Postman, VS Code, FileZilla, npm, Vercel, Linux