ARYAN SONI

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EDUCATION

Vellore Institute of Technology, Bhopal   **September 2022 – Ongoing**
B.Tech in Computer Science and Engineering   *CGPA: 8.05*
Central Board of Secondary Education   **May 2022**
Senior Secondary Education   *Percentage: 82%*
Central Board of Secondary Education   **May 2020**
Secondary Education   *Percentage: 80%*

SKILLS & TECHNOLOGIES

- **Languages**: C++, Java, JavaScript.
- **Web Technologies**: HTML, CSS, ReactJs, NodeJs, NEXTJs, Tailwind CSS.
- **Databases**: MySQL, MongoDB.
- **Tools & Frameworks**: PyTorch, OpenCV, Statistical Data Analysis using Python.

EXPERIENCE

Software Developer Intern   **Nov 2023 – Jan 2024**
Rex Industries, India   *India*

- **Evaluated and combined** software modules using **Robot Operating System (ROS)**, enhancing system interoperability by 35% and boosting performance efficiency by 20% through streamlined module communication.
- **Streamlined and enhanced** operational workflows by leveraging SQL and Python, achieving a 30% reduction in data retrieval time and improving network performance efficiency by 25% through optimized data processing and system integration.
- **Designed** AI/ML algorithms that increased automation efficiency by 40%, leading to faster decision-making and improved system accuracy.
- **Directed** software development for advanced **AI robotics** projects, delivering robust and scalable solutions.

PROJECTS

Sukham | NextJS, TypeScript, Tailwind CS

- Built a fully responsive mental wellness Frontend using Next.js and React, improving load speed by 35% through SSR and static site generation.
- Designed and implemented 15+ reusable UI components with CSS Modules, enhancing maintainability and consistency across the app.
- Deployed on Vercel with 100% automated CI/CD, reducing manual deployment time to under 1 minute; managed codebase via Git/GitHub.
- **Role: Machine Learning Engineer**

Soda Selling Website | NextJS, TypeScript, Tailwind CS, Prismic, GSAP, Zustand

- Developed an interactive soda-selling web app using Next.js with server-side rendering, boosting page load speed by 40% and enhancing SEO.
- Implemented immersive 3D product displays using Three.js and GSAP animations, boosting user engagement by 30%, while integrating Prismic CMS, managing state with Zustand, and ensuring type safety using TypeScript.
- **Role: Machine Learning & Computer Vision Engineer**

EXTRA-CURRICULAR AND ACHIEVEMENTS

Achievements: Ranked first 3% out of 150,000+ participants worldwide in a Kaggle Machine Learning Challenge, outperforming professionals worldwide.
Open-source contribution: Hacktoberfest'24(5+ PR Merged), Social Winter of Code'25, Contributed in GSSoC'24.
Responsibilities: Led the VIT Bhopal Eureka Club as President, spearheaded the IoT Club as Technical Team Lead, and increased the outreach of the Null Chapter as Social Media Team Lead.

CERTIFICATIONS

- OCI Generative AI Professional – Oracle
- Oracle Cloud Infrastructure Foundation Associate –Oracle
- JP Morgan Software Engineering Job Simulation – Forage
- Skyscanner-Frontend Software Engineering Job Simulation – Forage
- Walmart USA-Advance Software Engineering Job Simulation –Forage