

Suraj Kumar Subudhi

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Professional Summary

Software Developer with a strong academic and practical background in software engineering, object-oriented programming, and algorithm design. Experienced in developing full-stack applications with a focus on performance, maintainability, and clear code structure. Skilled in using technologies such as Java, React, Node.js, and Express to build web-based systems that meet specific user and business requirements. Familiar with software development workflows, version control systems, and collaborative development practices. Committed to writing clean, testable code and delivering solutions that address real-world use cases.

Education

C.V. Raman GLocal University, B.Tech in Artificial Intelligence and Data Science 2021 – 2025

- CGPA: 8.53/10.0

College of Basic Science and Humanities, Higher Secondary Education 2019 – 2021

- Percentage: 87%

Shree Krishna International School, Secondary Education 2017 – 2019

- Percentage: 84%

Accomplishments

Naukri Campus Aptitude Test (NCAT)

- Secured All India Rank 178 in Naukri Campus Aptitude Test (NCAT) – Top 0.5% (99.5 percentile) among engineering students nationwide.

Internship Experience

Machine Learning Intern, NSTL - DRDO, Visakhapatnam Dec 2023 – Jan 2024

- Trained a machine learning model to forecast underwater drag force with 94% accuracy based on more than 1,000 simulated data points.
- Investigated discrepancies in underwater drag force simulations using Python, pinpointed inaccuracies, and revamped model parameters based on observations, enhancing predictive accuracy by 17% within two weeks.

Web Developer, Bharat Intern, Remote Jun 2023 – Jul 2023

- Created 3+ responsive web applications with HTML, CSS, and JavaScript and ensured 100% cross-browser compatibility.
- made multiple web apps like a Temperature Converter App, a Netflix Homepage Clone, and a personal portfolio website and achieved 95+ PageSpeed score.

Projects

AI Interview Web App

- This is my recent project, an AI Interview Tool that creates job-relevant questions and offers real-time feedback, covering more than 100 distinct job positions and levels of experience.
- Explored Gemini AI integration for the AI Interview platform, improving the user experience by offering instant voice feedback to more than 100 users, enhancing response accuracy and interaction.
- made up with React, Next.js, and Drizzle; Clerk integrated for user auth and hosted on Vercel with <1s page load.

ResolverAI – AI Chat Web App

- Conceptualized a mobile-first AI chat interface, prioritizing intuitive navigation and responsive design; facilitated over 500 user interactions within the first week, with app store rating of 4.8 stars from initial users.
- Pioneered an intuitive dark mode option and collapsible recent chat history sidebar, leading to a 20% increase in daily active users who preferred the enhanced interface.
- I used React.js, Vite, and Tailwind CSS; deployed on Vercel with CI/CD pipelines, enabling high-performance load times and seamless continuous updates.

Responsive Personal Portfolio Website

- Developed a mobile-first designed personal portfolio website with dark/light mode switch, scoring >90 in Lighthouse accessibility and SEO tests.
- Implemented Swiper.js for silky carousel transitions and hosted with performance optimizations.
- Created using HTML, CSS, and JavaScript.

Universal Video Downloader Web App

- This is a cross-platform video downloader app enabling users to download videos from YouTube, Instagram, and Twitter via URL input.
- Engineered the frontend with React.js and Tailwind CSS, and set up a robust backend API using Node.js and Express.js to handle content fetching and delivery.
- Implemented URL validation, dynamic video previews, and multiple download options; published frontend on Vercel and backend on Render to ensure scalability and seamless performance.

Technical Skills

Languages: Python, Java, JavaScript

Technologies & Tools: HTML, CSS, XML, React, Node.js, PostgreSQL, MySQL, TensorFlow, Power BI, GitHub, Ubuntu, Data visualization