SAMIKSHA SAHU

Software Developer - Pune, India

+91-9975859906 | samikshasanjaysahu@gmail.com | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

ABOUT ME

Full-Stack Developer skilled in **React.js, Node.js, and MongoDB,** building **high-performance** web applications with seamless user experiences.

Front-End Specialist with expertise in HTML, CSS, and JavaScript, optimizing speed, responsiveness, and UI performance across devices.

Versatile team collaborator with **robust C++ expertise** and foundational to **intermediate** knowledge **in Java and Python,** thriving in problem-solving and teamwork, with a **deep fascination for Generative AI.**

Self-employed Freelancer works on different projects for **multiple clients.** Consistently learns new skills to enhance quality of work. **Strictly adheres to deadlines and terms of contract.**

EDUCATION

Vishwakarma University, Pune   Aug 2022 - June 2026
Bachelor of Technology in Computer Science and Engineering - **8.25** GPA
HSC (Computer Science) - 84% , SSC - 93%

SKILLS

- **Front-End:** HTML5, CSS3, JavaScript, React.js, Bootstrap
- **Back-End:** Node.js, Express.js, MongoDB, MySQL, RDBMS
- **Languages:** Python & Java (intermediate), C++ (DSA), OOPS
- **BI Tools:** Power BI, SQL
- **Operating Systems:** Windows, Linux

- **Mobile:** Flutter, Dart
- **Cloud: AWS**, Firebase
- **Version Control:** Git, GitHub
- **Soft Skills:** Problem-Solving, Agile Methodology, Team Collaboration, Deadline Management, Data management, logical and communication skills.

PROJECTS

Safe Nest – Personal Safety App   Oct 2024 – Dec 2024
- Developed a **personal safety app** using **React** and **Firebase** with **real-time data sync** and **secure login** via **Firebase Auth.**
- Implemented an **SMS alert system** triggered by **shake, pattern,** or **power button**, with **95%+ detection accuracy** and **60% faster emergency response.**
- Optimized app performance with **<100ms latency, efficient load times**, and secure handling of sensitive user and emergency data.

YOLO Path - Pothole Detection & Reporting System   April 2026 - Ongoing
- Spearheading the creation of an innovative full-stack web and mobile application that combines **YOLOv8 for real-time pothole detection via user-uploaded images**. Leveraging React Native, Node.js, and **Google Maps API**, the platform offers **GPS navigation** with pothole location visualization, allowing drivers to safely reroute and avoid hazardous areas.
- Integrated MongoDB for **robust data storage**, **RESTful APIs** for real-time updates, **targeting >90% accuracy** also a **municipal dashboard** to track and resolve reported issues, ensuring effective civic engagement and infrastructure improvement.

GreatStackMaster – E-commerce Website for Shopper Clothes Store   Mar 2025 – Present
Tech Stack: React.js, Node.js, MongoDB, Stripe API, Tailwind CSS, JWT, REST APIs

EXPERIENCE

Freelancing - Web Developer   Jan 2024 - May 2024
- Delivered **10+ projects** using HTML, CSS, JavaScript, React.js, Node.js, MongoDB, and SQL, ensuring **high performance and user satisfaction.**
- Collaborated closely with clients to **design custom solutions,** enhance system security, and **consistently meet deadlines**.
- Optimized backend systems for scalability, built RESTful APIs, and achieved a **30% boost** in overall system security.
- Managed end-to-end freelance projects, **earning recognition** for delivering impactful and client-focused solutions.

CERTIFICATIONS | [Link](#)

NVIDIA - Fundamentals of Deep Learning
Coursera - IBM IT Fundamentals of Cybersecurity
Coursera - Colorado Computer Network Security
PWC- Power BI Job Stimulation
Cisco - AI Fundamentals IBM Skill Build