

Shubham Siwach

+91 7988958470

ssiwach.8888@gmail.com

linkedin.com/in/siwachs

github.com/siwachs

Education

Maharishi Markandeshwar University

Bachelor of Technology in Computer Science, Specialization in Data Science (CGPA: 9.00/10.00)

2019–2023

Ambala, Haryana

Hari Bhumi Public School (Higher Secondary)

Non-Medical (Percentage: 73%)

2018–2019

Jind, Haryana

Technical Skills

Programming Languages: JavaScript, Python, TypeScript, Rust, Solana, PHP

Frameworks and Libraries: React.JS, Next.JS, React Native, Express.JS, Node.JS, Tailwind CSS, Jest

Databases and Cloud Services: MongoDB, MySQL, Firebase, AWS

Concepts: Backend Development, Frontend Development, REST APIs, Cloud Deployment, Web Development, App Development, Blockchain, Web3, Decentralized Web Apps

Experience

Happiest Minds Technologies

Aug 2023 – Present

Software Engineer

Noida, UP

- Led development of key modules, optimizing processes and enhancing product integration, achieving a 25% boost in efficiency.
- Migrated Ext.JS components to React.JS, reducing page load times to under 10ms, significantly enhancing performance.
- Developed a comprehensive notification management service, improving user experience by efficiently handling various notification types.
- Architected scalable solutions utilizing JavaScript, React.JS, PHP, Git, and AWS for robust and maintainable systems.
- Leveraged advanced skills in Web3, Blockchain, Node.JS, Next.JS, React Native, and Firebase to drive innovative projects.
- Ensured seamless deployments and maintained code integrity across projects using AWS and Git.

Projects

Deep Learning for Self-Driving Cars | Machine Learning, TensorFlow, Keras, Open CV, Convolutional Neural Network

- Built a Convolutional Neural Network (CNN) to help cars drive themselves by recognizing and responding to their environment.
- Collected training data from a car simulation to teach the model how to drive.
- Tested the model in a simulator and deployed it as a web service using Flask.
- **View Code on GitHub**

Back-end for Blockchain | Node.JS, Express.JS

- Built the back-end system for a cryptocurrency platform, allowing secure transactions between users.
- Set up secure access to different parts of the platform and created a peer-to-peer network for blockchain functions.
- **View Code on GitHub**

Manga/Book Reading Web App | Next.JS 14, Tailwind CSS, NextAuth.JS, Firebase, MongoDB

- Created a website for users to read manga and books online with a smooth and easy-to-use interface.
- Used advanced techniques to load pages faster and improve user experience.
- Managed digital content with Firebase and MongoDB for efficient data handling.
- Developed and integrated a comprehensive admin panel to manage and update digital content, enabling easy content uploads, edits, and user management. Continuously upgraded the app by migrating to the latest versions of Next.js and other tools to ensure improved performance, security, and modern features.
- **View Code on GitHub**
- **View Live Demo**