

# SIDDHARTH SINGH RANA

Bringing 4 months of hands-on experience with Meta, coupled with a solid foundation in computer science. Eager to leverage this practical experience and academic knowledge to excel as a Software Engineer.

✉ siddharthsinghrana11   🔗 NIXBLACK11   🌐 portfolio   🐦 NIXBLACK

## EDUCATION

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### Graphic Era Hill University - CGPA: (9.2/10)

Bachelor of Technology in Computer Science and Engineering

Dehradun, India

Aug. 2021 – May 2025

## SOFTWARE ENGINEERING EXPERIENCE

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### 1. Meta (Facebook), Major League Hacking

Remote, New York, NY

Software Engineering Intern 🔗

September 2023 - December 2023

- Contributed to Meta's open-source project **Laser** and **Sacremoses**, utilized by numerous companies.
- Rectified issues within language lists, enhancing user accessibility and comprehension.
- Attained full parity between Perl and Python scripts in the latest **Sacremoses release(0.1.0)**.
- Conducted user demonstrations showcasing the functionalities of the Laser project.

### 2. Solabule (Superteam - Solana Foundation)

Remote

Founder & Web3 Developer 🔗

September 2024 - Present

- Founded and actively developing **Solabule**, a Solana-powered multiplayer gaming platform.
- Architected **Solabule** using **Solana** libraries, enabling decentralized transactions for **gaming dApp**.
- Secured funding from **Solana Foundation & CoinDCX**, for development of the platform.

## PROJECTS

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### 1. The Feedback Loop | React, Javascript, Node, Keras, Flask, Docker



- Video analysis tool for **content creators**, providing **personalized** video feedback.
- Compare videos against creations from top 1% creators based on **audio** and **visual** elements.
- Deployed on **AWS** using **Docker** for **Queue-based Worker Selection**, and the Service on **Vercel**.

### 2. Go Link Tree | Golang, React, Typescript, AWS



- Personalized **Linktree** for storing social media links for fast access.
- Developed with **Golang**, featuring **JWT for Secure Login**, and **Optimized** for Speed.
- Deployed using **Vercel**, complemented by **Golang** backend on **Render**.

### 3. MERN Stack-based Chat Application | React, Javascript, Node, WebSocket, AWS, Vercel



- Chat application with **personal** and **group chat**.
- Enabled with real-time communication using **Websockets**.
- Implemented secure login standards in Node.js to ensure user security.

### 4. Ludo Game | React, Tailwind, Typescript, WebSocket



- Developed a **multiplayer** Ludo game with **real-time** actions using **WebSockets**.
- Structured the project with **Turborepo** for efficient **Monorepo** management.
- Implemented **Recoil** for Efficient **Global State Management**, Enhancing Program Clarity.

### 5. JobLinker | Golang, React, Typescript, Gemini



- Developed a job search tool to provide relevant jobs according to the user **resume** and **preferences**.
- Integrated **Gemini** for resume parsing and **Google Search API** for fetching job listings.
- Complemented with a frontend that displays job **headings**, **links**, **descriptions**, and **images**.

## SKILLS

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**Languages:** Javascript, Typescript, Golang, Python, Bash

**Frameworks:** Next.js, Express.js, TurboRepo

**Databases:** MongoDB, MySQL, PostgreSQL, Oracle DB

**Tools & Platforms:** Git, Github, Amazon AWS, Docker

**Other Skills:** Linux, CI/CD, Web Sockets

## CERTIFICATES

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- **100x Devs 0-100 Cohort**

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- JavaScript, async nature, Node.js
- MongoDB, PostgreSQL, Typescript
- Express.js, middleware, routing, serverless
- React, state management, Tailwind CSS
- Docker, AWS deployment, CI/CD

- **Git Essential Training: The Basics**

**in**

- Version control with Git
- Branching and merging
- Collaborative workflows

- **Learning Docker (2018)**

**in**

- Containerization concepts
- Dockerfile creation
- Docker Compose for multi-container applications