

# Sidharth Kumar

[Github](#) | [Linkedin](#) | [siddharthkumarsharma31@gmail.com](mailto:siddharthkumarsharma31@gmail.com) | [Portfolio](#)

## Summary

---

Full-Stack Web Developer & Machine Learning Enthusiast with 2+ years of experience building scalable and high-performance web applications. Proficient in MERN stack, Next.js, cloud deployment (Vercel/Render) and AI integration. Passionate about optimizing UI/UX, enhancing performance, and solving real-world challenges through technology.

## Projects

---

### Tomato-Leaf Diseases Classification | MERN, Deep Learning | [Link](#)

- Developed a full-stack web app using React, Node.js, MongoDB, and TensorFlow for disease detection.
- Achieved 92% accuracy using a CNN model trained on 5,000+ images.
- Integrated MongoDB for data storage and Cloudinary for image hosting.

### FoodoMania | MERN, Stripe | [Link](#)

- Built a food delivery platform using MERN stack and integrated with Stripe for payment gateway.
- Implemented an admin panel for restaurant owners to manage orders.

### Brain Tumor Classification Using CNN | Flask, TensorFlow | [Link](#)

- Created a Flask-based web app for brain tumor detection using deep learning (CNNs).
- Achieved 87% prediction accuracy within 10 epochs.
- Designed an intuitive UI for easy image upload and instant diagnosis.

## Achievements

---

- Solved 500+ DSA problems on LeetCode.
- 4-star rating in Java and Python on HackerRank.
- 1st place in a Kaggle Hackathon among 100+ participants.
- Participated in Flipkart Grid 4.0 – Software Development Challenge, reaching top 10% nationwide.

## Skills

---

**Programming Languages:** C++, Java, JavaScript, Python, SQL

**Web Development:** MERN (MongoDB, Express.js, React.js, Node.js), Next.js, Tailwind CSS, RESTful APIs

**DevOps:** AWS (S3, EC2), Firebase, Docker, Vercel, Render

**Machine Learning & AI:** TensorFlow, Keras, Scikit-learn, OpenCV, NLP, Deep Learning

**Tools & Version Control:** Git, GitHub, Postman, VS Code

## Certifications

---

- Android Development in Flutter – Programming Pathshala (May 2022 – July 2022)
- Cloud Computing on AWS – Udemy (March 2023)
- Unsupervised Learning & Recommender Systems – Coursera – DeepLearning.AI (October 2023)
- Node.js Development – CipherSchools (June 2023 – July 2023)
- Deep Learning & NLP – Coursera – DeepLearning.AI (March 2023 – April 2023)

## Work Experience

---

**Full-Stack Developer (Freelance)** – Remote (Aug 2024 – Jan 2025)

- **AI Calculator** | [Live](#) – AI-powered calculator with TypeScript & Python, optimized for PC use with accurate computations.
- **Microsoft Loop Clone** | [Live](#) – Developed a responsive Microsoft Loop clone with real-time collaboration.
- **Background Removal Tool** | [Live](#) – Created an AI-based tool for removing image backgrounds instantly.

## Education

---

- B.Tech in Computer Science & Engineering – Lovely Professional University (2020 - 2024)