

SOVAN BHAKTA

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ABOUT ME

Final-year B.Tech Computer Science student with strong experience in backend development, network systems, and cloud infrastructure. Proven success in leading agile teams and building scalable, secure applications. Passionate about solving real-world problems through optimized software systems.

SKILLS

- **Languages:** Java, JavaScript, Python, HTML, CSS, SQL
- **Frameworks & Tools:** React JS, Express, Node.js, Docker, Git, Spring Boot
- **Databases:** MySQL, MongoDB, Firebase
- **DevOps:** Docker, Kubernetes, Google Cloud, AWS
- **Concepts:** Microservice, Rest APIs, OOPsJava, Distributed Systems, Scalability, Performance optimization

WORK EXPERIENCE

V-Open Source Team Member, VIT-AP

Oct 2023 - Present

- Implemented cost-effective solutions and contributed to Open Source.
- Streamlined project workflows, enhancing overall efficiency by 25%.
- Led a team in successfully delivering a complex engineering project on time.

Mern-stack Internship, Ethnus

Jun 2024 - July 2024

- Developed and integrated RESTful APIs, enhancing data retrieval and management efficiency by 25%
- Implemented user authentication and authorization, increasing application security and user trust by 20%.
- Optimized front-end performance using React, resulting in a 15% reduction in page load times and improved user experience.

EDUCATION

Vellore Institute Of Technology

Sep 2022 - Present

Bachelor of Technology in Computer Science

CGPA: 8.64/10

- Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing
- Thesis on "Advancements in AI-Based Skin Disease Diagnosis".

Army Public School, Barrackpore

June 2019 - July 2021

Senior Secondary (CBSE)

92.8 Percentage

PROJECTS

Third Eye

- Developed a voice-activated web navigation feature, enabling blind users to surf the web and get their queries answered efficiently.
- Implemented an object classification system using computer vision, helping users identify and understand their surroundings with 25% more accuracy.
- Integrated a face recognition module, enhancing social interactions by accurately identifying individuals and providing contextual information.

MUSICLY

- Developed and maintained RESTful APIs for user authentication, song uploads, and playlist management, improving backend efficiency.
- Implemented a dynamic React front-end, enhancing user experience with seamless music streaming and interactive UI components.

D-Comm (Blockchain based chatting web app)

- Developed a decentralized chat app using React, Node.js, and Ethereum blockchain.
- Integrated MetaMask for seamless wallet-based user authentication and account creation.
- Designed and deployed Solidity smart contracts to handle user profiles, friend management, and message logging on-chain.
- Implemented real-time messaging with message hashes recorded on blockchain to ensure data integrity and transparency.
- Leveraged Web3.js, Web3Modal, and Ethers.js to connect the frontend with Ethereum smart contracts efficiently.

INTERESTS

- Problem Solving
- Solved 400+ coding challenges across platforms including LeetCode, HackerRank, Codsoft, GeeksForGeeks
- AI-ML

CERTIFICATES

- ICSEAT 2024 - Advancements in AI-Based Skin Disease Diagnosis
- LinkedIn Learning - Artificial Intelligence Foundations: Machine Learning
- GDSC - Google Cloud Career Practitioner Pathway
- CISCO - JavaScript Essentials 1 (JSE)
- Ethnus - Mern Full Stack