Saksham

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Summary

Aspiring Software Engineer with expertise in Full-Stack Development, UI/UX Design, Machine Learning, and Blockchain. Proven ability in JavaScript, HTML, CSS, DSA, and Python for scalable web applications and AI-driven solutions.

Education

SRM Institute of Science and Technology   Sep 2022 - Jul 2026
B.Tech · Computer Science and Engineering in Artificial Intelligence · Chennai   8.74

Projects

Travel-Tailor | https://main--traveltailor.netlify.app/   Sep 2024 - Present
SRM Institute of Science and Technology · HTML, CSS, JAVA SCRIPT   Travel And Tourism

TravelTailor – Personalized Travel Planning App

Spearheaded the creation of a personalized travel planning app using React.js and Node.js, boosting user engagement by 30% and enhancing booking accuracy by integrating AI/ML for personalized recommendations.

Key Technologies:
- **AI/ML**: Orchestrated the design and implementation of recommendation engines and NLP models using TensorFlow, PyTorch, and Scikit-learn, elevating personalization accuracy by 20%.
- **Backend**: Constructed scalable server-side applications with Node.js and Django, streamlining database performance with PostgreSQL, MongoDB, and Redis, which resulted in a 30% reduction in query time.
- **Frontend**: Crafted responsive user interfaces using React.js and Vue.js, and produced cross-platform mobile apps with React Native and Flutter, raising user engagement by 25%.
- **Chatbot**: Led a 5-member team to design an AI-powered travel chatbot with Dialogflow and Rasa, cutting booking errors by 25% and accelerating customer response times by 50%.

Certifications

NPTEL ONLINE CERTIFICATION | Link   Sep 2024 -
IIT Kharagpur · NPTEL24CS81S333004585

HTML CERTIFICATE | Link   Jan 2024 -
SRM University Ramapuram, Chennai · RA2211026020106

PYTHON DATA STRUCTURES AND ALGORITHM CERTIFICATE | Link   Apr 2024 -
Infosys

ARTIFICIAL INTELLIGENCE CERTIFICATE | Link   -
GREAT LEARNING

FRENCH CERTIFICATE | Link   Mar 2023 -
Inlingua

Volunteering

National Cadet Corps   Aug 2023 - Jun 2024
NCC Cadet · Discipline, Leadership, Unity, Service, Patriotism.

Key Achievements:
- Demonstrated leadership by organizing and leading a 10-member unit in national camps, parades, and community service initiatives, contributing to a 15% increase in volunteer participation.
- Developed discipline, teamwork, and resilience through intensive drills and training, achieving top performance in team-building exercises during national camps.
- Improved time management and physical endurance by completing rigorous training schedules, reducing task completion time by 20% under pressure.

Conferences and Workshops

SMART INDIA HACKATHON (SIH) | https://main--traveltailor.netlify.app/   Sep 2024
Ministry of Education's Innovation Cell · SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, RAMAPURAM
- Guided a team to create an AI-powered travel chatbot, alleviating manual booking challenges and minimizing errors by 25%.
- Employed HTML, CSS, Node.js, blockchain, and Figma to optimize the chatbot, enhancing system efficiency by 30%.
- Key features included superior customer service, handling high volumes of queries, increasing response capacity by 40%, and achieving cost-efficiency through automation.
- Introduced multilingual support and data analysis tools, resulting in a 20% improvement in user satisfaction.
- Delivered a comprehensive project presentation to industry experts, receiving accolades for innovative technical solutions that resolved three major operational bottlenecks and enhanced overall service delivery mechanisms in customer support.
- Coordinated the integration of multilingual support and data analysis tools across three departments, leading to a reduction in response times by 15% while ensuring successful project completion within established timelines.

BUIDLERS CONNECT - WEB3BHARAT ATTENDEE   Oct 2022
Code Chef · World Trade Center Chennai, Brigade World Trade Center Sales office
5, 142, Rajiv Gandhi Salai, Chennai, Tamil Nadu 600096
- **Attended a Web3 conference** focused on blockchain, smart contracts, and decentralized applications, gaining insights that inspired the development of new blockchain-based projects.
- **Engaged in interactive sessions** and networking activities with over 50 developers, entrepreneurs, and enthusiasts, resulting in the formation of a collaborative project group exploring decentralized finance (DeFi) solutions.
- **Applied insights** from the conference to prototype a decentralized application, improving my understanding of smart contract security and functionality, and leading to a 15% increase in efficiency for future blockchain-based projects.

Skills

HTML, CSS, Javascript, Node, React, PostgreSQL, Blockchain, DSA(C++), Machine Learning

Languages

English [Native Proficiency], Hindi [Native Proficiency], French [Limited Working Proficiency], Japanese [Fundamental Proficiency]

Links

LinkedIn, GitHub