Sweta Yadav

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Experience

Tu-Tr Hyper-loop IIT Madras   Jan 2024 – Feb 2024
Java Backend Developer Intern   *Chennai, Tamil Nadu*
- Engineered robust TCP/IP communication protocols for real-time data exchange within the Hyper-loop infrastructure, enabling critical device interaction without external internet dependency.
- Significantly optimized network performance by refining data transmission protocols, resulting in a 40% reduction in latency, and collaborated effectively with a cross-functional team to integrate backend services seamlessly.

Interain.ai   Feb 2024 - Aug 2024
UI/UX Intern   *Chennai, Tamil Nadu*
- Led the design and optimization of user interfaces for AI-driven applications, enhancing user engagement by 25% through meticulous usability testing and iterative design improvements.
- Developed over 20 high-fidelity Figma designs and wireframes, contributing to a 30% reduction in user onboarding friction and ensuring 95% accuracy in design-to-development implementation through close collaboration with engineering teams.

Projects

MERN Taxi Booking App | *Next.js, Typescript, Tailwind CSS, Mapbox, ClerkAuth*
- Built a dynamic taxi booking app with Mapbox API for real-time location and predictive search.
- Integrated ClerkAuth for secure user authentication, enhancing security and user experience.

Django CRUD API | *Django, REST Framework*
- Developed a RESTful API using Django, showcasing backend proficiency and database management with ORM.
- Implemented data serialization and API endpoints for efficient CRUD operations.

JobHunt | *ReactJS, MongoDB, ExpressJS, Clerk Auth*
- Created a full-stack job portal connecting employers and job seekers using React.js and Node.js.
- Implemented secure authentication and a RESTful API for seamless data exchange and application tracking.

Technical and Relevant Skills

Soft Skills: Problem Solving, Communication, Collaboration, Adaptability. Attention to Detail
Languages: Java, Python, JavaScript, SQL
Web & App Development: React, Next.js, Node.js, Express.js, Figma (UI/UX)
Backend: Node.js, REST APIs, Django
Tools & Version Control: Git, GitHub, VS Code

Education

KCG College of Technology   Expected June 2025
B.E. in Computer Science & Engineering GPA: 9.00 / 10.00)   *Chennai, Tamil Nadu*
- **Relevant Coursework:** Data Structures & Algorithms,DevOps,Cyber-Security & Cryptography, AI-ML, Compiler Design, computer Networks,Database Management, Discrete Mathematics

Licenses & certifications

- Lingua-Skill - Cambridge (2024)
- Cybersecurity Essential - Cisco - (May-28 2024)
- Springboard - Python - (Feb-23 2023)

Language

- English - Native Proficiency
- Hindi - Native Proficiency
- Tamil - Working Proficiency