

SHASHANK SRIVASTAVA

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SUMMARY

Proficient in full-stack development, machine learning, and data visualization, with hands-on experience building real-world projects across all three domains.

EDUCATION

Bachelor of Technology, Computer Science THE NORTHCAP UNIVERSITY Cumulative GPA: 8.3/10	2022 – Present Gurugram, Haryana
Class XII (CBSE) PRAGATI PUBLIC SCHOOL Percentage~92%	2021 New Delhi
Class X(CBSE) PRAGATI PUBLIC SCHOOL Percentage - 88.6%	2019 New Delhi

WORK EXPERIENCE

Software Developer Intern JOB LIENT TECHNOLOGIES (Remote)	06/2025 – 08/2025
<ul style="list-style-type: none">Contributed to the development of key sections of the Joblient Technologies website using the MERN stack (MongoDB, Express.js, React.js, Node.js).Designed modern, responsive UI components in Figma and implemented them in React.js with clean, modular code.Built efficient RESTful APIs with Node.js and Express.js to ensure seamless backend operations and smooth data flow.	
Software Intern TECHOCTANET SERVICES PVT. LTD(Remote)	06/2024 – 08/2024
<ul style="list-style-type: none">Developed the front end of a YouTube clone page using HTML, CSS, and JavaScript, implementing features like video layout and responsive design.Gained hands-on experience with core web development technologies, enhancing technical proficiency.Created a to-do list application, focusing on functionality and interactivity through JavaScript.	

PROJECTS

HireVerse

Candidate Assessment Portal

- Developed an AI-inspired Candidate Assessment Portal (HireVerse) simulating a modern Applicant Tracking System (ATS) with job posting, candidate tracking, assessments, and interview workflows using React.js for the frontend and Node.js with Express for backend APIs Report major (2)
- Implemented assessment and scoring workflows, test-link generation, interview scheduling, and recruitment analytics using JavaScript, RESTful APIs, and JSON-based data handling with MongoDB as the database Report major (2)
- Designed a responsive and scalable frontend architecture with reusable components and modern UI patterns using Tailwind CSS and shadcn/ui, ensuring clean UX and maintainable code Report major (2)

- Enhanced overall user experience with smooth animations, drag-and-drop pipeline interactions, and visual transitions using Framer Motion, aligned with real-world ATS workflows

Deep Learning–Based Parking Occupancy Detection & Demand Forecasting

- Hybrid Deep Learning Framework: Engineered a dual-component pipeline ("Eye" and "Brain") to automate parking management, replacing manual Region of Interest (ROI) configuration with autonomous object detection and time-series forecasting.
- Real-Time Occupancy Detection: Implemented a RetinaNet model with a ResNet50-V2 backbone and Focal Loss on the PKLot dataset, achieving a Mean Average Precision (mAP) of 0.5909 and a MaP@.50IOU of 0.9038.
- Robust Demand Forecasting: Developed a hybrid CNN-LSTM model trained on a custom-engineered "Super Clean" synthetic dataset to eliminate overfitting, resulting in a 0.9876 R^2 score for predicting future parking occupancy.
- Technical Stack: Python, TensorFlow, KerasCV, CNN, LSTM, Pandas, NumPy, Scikit-learn, and NVIDIA L4 GPU for high-performance model training and evaluation.

StaySphere

- Developed a full-stack rental booking platform inspired by Airbnb, enabling users to search, list, and book stays.
- Built with Node.js, Express.js, MongoDB, and EJS, implementing RESTful APIs for smooth data handling and backend functionality.
- Designed responsive UI using custom CSS and EJS for server-side rendering, ensuring a seamless user experience.

SKILLS

Technical Skills

SQL , Node.js, Express.js , REST , HTML + CSS, EJS, React.js, MongoDB , Tableau , Tailwind CSS

Languages

Java, Python, JavaScript

CERTIFICATION

Azure AI Fundamentals (AI-900)

Certified by Microsoft (Score:
863/1000)

Data Analytics with Python

Certified by NPTEL