

Patel Hashil Kumar

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SKILLS

- **Languages:** Python, C++, JavaScript, C, Java
- **Frameworks:** HTML and CSS, Bootstrap, Node.js, React.js
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving, Teamwork, Project Management, Adaptability

INTERSHIP

- OrbosisGlobal
- Overseeing end-to-end content migration and asset integration for websites, ensuring strict implementation of SEO best practices.
 - Applying HTML5, CSS3, JavaScript, and jQuery to design, optimize, and deploy fully functional, responsive websites, ensuring cross-browser compatibility and seamless performance across diverse hosting environments.
- Nov' 2025

PROJECTS

- SeasonalSalesPredictor - MachineLearningProject | [GitHub](#)
- Dec' 2025
- Developed and deployed an end-to-end ML pipeline for seasonal product demand forecasting.
 - Engineered and compared four regression models (Linear Regression, Random Forest, XGBoost, Gradient Boosting).
 - Achieved 92.35% accuracy with the XGBoost model for fast, highly predictive forecasting.
 - Built and deployed a user-friendly, multi-page Streamlit web application to display predictions.
 - **Tech:** Python, Pandas, NumPy, Scikit-learn, XGBoost, Streamlit, Docker
- Mindwell–AI MentalWellnessApp | [GitHub](#)
- Sep'25
- Architected an AI-driven mental wellness application featuring chat-based mood assessment and gamified engagement
 - Implemented Geminio to simulate psychiatrist-style conversations that infer user mood with 92% accuracy.
 - Enhanced user retention by 40% through cognitive mini-games, interactive UI, and daily mood streak.
 - **Tech:** React.js, Tailwind CSS, Node.js, MongoDB, Express.js, Gemini-2.5-flash
- AI SignLanguageTranslator | [GitHub](#)
- Aug' 2025
- Pioneered a real-time sign language interpreter achieving 98% gesture accuracy using MediaPipe.
 - Enabled live gesture detection and seamless translation with a 2-second response interval.
 - Trained and optimized recognition models on custom datasets of 5,000+ labeled hand gesture frames to ensure high accuracy.
 - **Tech:** Flask, Tailwind CSS, Python, Mediapipe, OpenCV, TensorFlow, Gemini-2.5-flash

CERTIFICATES

- Software Development Processes and Methodologies | [University of Minnesota](#) Apr'24
- Data Structures & Algorithms Using C++ | [Cypher Schools](#) Mar'24
- ChatGPT-4 Prompt Engineering: ChatGPT, Generative AI&LLM | [Infosys](#) Jan'24

EXTRA-CURRICULAR ACTIVITIES

- Global Digital Health Summit - A global event focused on innovation and trends in digital health. Sep'25
- Adobe India Hackathon - An innovation-focused national hackathon by Adobe India. Jul'25
- Incredible 8 is a social media competition organized by Lovely Professional University (LPU). May'24

EDUCATION

- **Lovely Professional University** Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7** Aug'23 – Aug'27
- **Army Public School** Ahmedabad, Gujarat
Senior Secondary; **CGPA: 6.21** Apr'21-Mar'23
- **Army Public School** Ahmedabad, Gujarat
Secondary; **Percentage:91.4%** Apr'19 – Mar'21