

**Harsh Garg**  
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## EDUCATION

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- **Vellore Institute of Technology** Bhopal, India  
*BTech in Computer Science and Engineering (AIML); CGPA: 8.13* Expected May 2026
- **St. Dominic's Sr. Sec. School** Mathura, India  
*Higher Secondary; 86.2%* July 2022

## EXPERIENCE

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- **Brand Designer** Remote  
*UI/UX & Graphic Design* 2-Month Freelance Project
  - **Custom Instagram Story Covers:** Created 7 custom Instagram Story highlight covers, hand-drawn and vector-grouped, reinforcing "Clay Candles" identity around each cover's edge and organizing content for a more professional feed.
  - **Generative AI Ideation:** Leveraged generative AI early in concepting to accelerate ideation, securing client buy-in when an AI-inspired direction matched their vision.
  - **Stakeholder Workshops:** Conducted stakeholder workshops and iterative reviews (3 meetings) to crystallize brand energy and messaging before design, ensuring alignment and reducing revision cycles by 30%.
  - **Instagram Reel Animation:** Scripted and animated a 15-second Instagram Reel in Figma—mapping logo formation, element transitions, and outro CTA—with custom sound design, overcoming steep learning curve to produce smooth motion and typing-effect reveal.

## PROJECTS

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- **Autonomous Vehicle Accident Prediction Framework — Python, scikit-learn, Pandas, RandomForest, SMOTE:** Apr 2024
  - Engineered a RandomForest-based pipeline to predict accident severity and classify liability in mixed-traffic scenarios, achieving 85% overall accuracy—10 pp higher than SVM.
  - Addressed severe class imbalance via strategic undersampling and class-weighting, boosting recall on minority (Severity 1) cases by over 50% and ensuring fairer liability assignments across classes.
  - Automated end-to-end data preprocessing, imputing missing values, label-encoding categorical features, and MinMax-scaling—reducing pipeline and enabling rapid retraining during iterative model tuning.

## EXTRA-CURRICULAR

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- **Meraki – The Fine Arts Club** VIT Bhopal University  
*Secretary* June 2023 – June 2025
  - Provided strategy and mentorship to over 30 members, including team leads and co-leads.
  - Coordinated and implemented over 20 events and workshops, ensuring smooth operations and team collaboration for success.
  - Led the decor and design teams, directing the creation of posters and social media posts.

## TECHNICAL SKILLS

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Python, C++, HTML, CSS, JavaScript, Figma, UI/UX, Spline