AYUSH SINGH

📞 +91-7031678999 ✉ ayusingh693@gmail.com 🔗 Linkedin Github Codeforces LeetCode

EDUCATION

MMMUT, Madan Mohan Malaviya University of Technology **Sep 2023 – May-2027**
B.Tech - Information Technology *Gorakhpur, Uttar Pradesh*

EXPERIENCE

HapScale Pvt Ltd ↗ **December 2024 - Present**
Role - Software Developer *Bengaluru, Karnataka*

- Performed in-depth exploratory data analysis (EDA), reducing reporting time by 35% through automated scripts and visual summaries.
- Created 5+ dynamic dashboards using Streamlit and Matplotlib, enabling HR teams to track real-time sentiment shifts and top-performing departments.
- Developed and enhanced the HapScale Tool, successfully tested on 3,000+ individuals, generating key insights for organizational improvement.

UniFoodHub ↗ **Sep 2024 - Nov 2024**
Role - Software Developer

- Designed an intuitive ordering interface, enhancing user experience & reducing order placement time by 40%.
- Addressed the gap in food delivery for hostel students by collaborating with 10+ local restaurants, improving meal accessibility by 70%
- restaurant visibility and generated 30,000+ in revenue by enhancing the ordering platform and boosting customer engagement
- Optimized website UX and marketing strategies, boosting restaurant orders by 30%.

PROJECTS

Funding Predictor ↗ | Python, Pandas, NumPy, Matplotlib, Plotly, Scikit-learn, Streamlit **June 2025**

- Built a machine learning regression model to predict startup funding amounts with 84% R^2 score, using city, industry, round type, investor count, and time as features.
- Processed and analyzed 2,900+ Indian startup records (2018–2020), identifying trends in funding, investor activity, and sector performance.
- Applied 100% reusable pipelines and performed 5-fold cross-validation to ensure data consistency and model accuracy.
- Achieved 30% faster insight extraction through optimized EDA using Pandas, NumPy, Matplotlib, and Plotly..

Hapscale Landing and Admin Page ↗ | Application Developer, MERN **January 2025**

- Automated the password reset process, improving user account security and reducing manual interventions 99.9%.
- Integrated secure payment processing for seminar ticket bookings and enterprise solutions, enabling seamless transactions for 5000+ customers monthly.
- Gained hands-on experience in version control and collaborative development, enhancing workflow efficiency and team coordination.
- Send Confirmation Email: Notified the user via email upon successful password update.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript, SQL
Technologies/Frameworks: HTML5, CSS3, React, JavaScript, Python, Pandas, NumPy, Matplotlib, Plotly, Scikit-learn, Streamlit
Developer Tools: Jupiter , VS Code, PyCharm, IntelliJ, Canva

ACHIEVEMENTS

- Hackathon Finalist — Techfest, IIT Bombay – Top 0.5% out of 10,000+ applicants in VISIONX AI competition
- Starters 162 (Rated) (2024-11-27) CodeChef Global Rank:306
- data structure for CP Solved 350+ Problems
- Rise To Top Winner District level Competition