

ABHISHEK KUMAR MISHRA

abhishektr2002@gmail.com | +91-9334905084 | [linkedin.com/in/abhishekmishra028](https://www.linkedin.com/in/abhishekmishra028) | github.com/abhishekmishra28

SKILLS

- **Languages:** C++, Python, JavaScript, TypeScript, SQL
- **Web Technologies:** React, Next.js 14, HTML, CSS, Tailwind CSS, RESTful APIs
- **Backend & Database:** Supabase, Node.js, Authentication Systems, Database Optimization
- **Data Science & ML:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Predictive Analytics
- **Developer Tools:** Git, GitHub, VS Code, Jupyter Notebook
- **Soft Skills:** Problem-Solving, Teamwork, Communication, Adaptability, Agile Methodologies

WORK EXPERIENCE

Freelance Full Stack Developer

Apr '25 – Aug '25

E-Commerce Jewellery Platform

- Built scalable jewellery e-commerce platform with dynamic rate-based pricing system and dual user/admin panels
- Implemented secure authentication, responsive UI design, and streamlined product management workflows
- Utilized Next.js 14, TypeScript, Supabase, Tailwind CSS, and Lucide React for full-stack development
- Achieved 30% faster load times and 45% increase in user engagement through optimized database queries

PROJECTS

Next Word Predictor Application | [GitHub](#)

Sep '25 – Present

- Developed an AI-powered next-word prediction application leveraging transformer-based language models for real-time text generation
- Engineered modular pipelines for data preprocessing, tokenization, training, and inference to ensure scalable model performance
- Integrated the system with a responsive frontend for interactive typing assistance and context-aware predictions
- Implemented optimizations such as batching, caching, and quantization to reduce inference latency by 40% while maintaining accuracy

Gifty Duck – AI-Powered Notes Assistant | [GitHub](#) | [Live](#)

Jan '25 – Mar '25

- Developed AI-powered note-taking and creative writing platform with intelligent content generation and refinement
- Built organized note management system with AI-generated insights and personalized content recommendations
- Implemented using Next.js, TypeScript, Supabase, Tailwind CSS, and integrated AI APIs for smart suggestions
- Improved search speed by 45%, reduced code complexity by 30% through OOP architecture, and increased session duration by 50%

TRAINING

Machine Learning with Data Science – Cipher Schools

May '25 – Jul '25

- Conducted predictive analytics and data visualization projects using Python, NumPy, Pandas, Matplotlib, and Scikit-learn
- Gained hands-on experience in supervised/unsupervised learning, feature engineering, and model evaluation techniques
- Applied cross-validation, hyperparameter tuning, and performance metrics to derive actionable insights from complex datasets

CERTIFICATIONS

- **Introduction to Machine Learning** – [NPTEL](#) Sep '25
- **Oracle Cloud Infrastructure 2025 Certified Generative AI Professional** – [Oracle](#) Sep '25
- **Oracle Cloud Infrastructure 2025 Certified Data Science Professional** – [Oracle](#) Aug '25

ACHIEVEMENTS

- **Solved 400+ DSA Problems:** Demonstrated strong algorithmic thinking by solving 400+ data structures and algorithms challenges on LeetCode and GeeksforGeeks, showcasing proficiency in problem-solving and optimization
- Earned multiple industry-recognized certifications in Generative AI, Data Science, and Machine Learning
- Delivered 3 client projects with measurable impact: 70% reduction in manual effort, 45% increase in engagement, and 50% longer user sessions

EDUCATION

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering — CGPA: 8.2/10

Phagwara, Punjab

Aug '23 – Present