

ABHISHEK KUMAR MISHRA

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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 <i>E-Commerce Jewellery Platform</i>	Apr '25 – Aug '25
<ul style="list-style-type: none">Built scalable jewellery e-commerce platform with dynamic rate-based pricing system and dual user/admin panelsImplemented secure authentication, responsive UI design, and streamlined product management workflowsUtilized Next.js 14, TypeScript, Supabase, Tailwind CSS, and Lucide React for full-stack developmentAchieved 30% faster load times and 45% increase in user engagement through optimized database queries	

PROJECTS

Next Word Predictor Application GitHub	Sep '25 – Present
<ul style="list-style-type: none">Developed an AI-powered next-word prediction application leveraging transformer-based language models for real-time text generationEngineered modular pipelines for data preprocessing, tokenization, training, and inference to ensure scalable model performanceIntegrated the system with a responsive frontend for interactive typing assistance and context-aware predictionsImplemented optimizations such as batching, caching, and quantization to reduce inference latency by 40% while maintaining accuracy	
Giffy Duck – AI-Powered Notes Assistant GitHub Live	Jan '25 – Mar '25
<ul style="list-style-type: none">Developed AI-powered note-taking and creative writing platform with intelligent content generation and refinementBuilt organized note management system with AI-generated insights and personalized content recommendationsImplemented using Next.js, TypeScript, Supabase, Tailwind CSS, and integrated AI APIs for smart suggestionsImproved 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
<ul style="list-style-type: none">Conducted predictive analytics and data visualization projects using Python, NumPy, Pandas, Matplotlib, and Scikit-learnGained hands-on experience in supervised/unsupervised learning, feature engineering, and model evaluation techniquesApplied cross-validation, hyperparameter tuning, and performance metrics to derive actionable insights from complex datasets	
Machine Learning with Data Science – Cipher Schools	May '25 – Jul '25
<ul style="list-style-type: none">Conducted predictive analytics and data visualization projects using Python, NumPy, Pandas, Matplotlib, and Scikit-learnGained hands-on experience in supervised/unsupervised learning, feature engineering, and model evaluation techniquesApplied cross-validation, hyperparameter tuning, and performance metrics to derive actionable insights from complex datasets	
Machine Learning with Data Science – Cipher Schools	May '25 – Jul '25

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 <i>Bachelor of Technology in Computer Science and Engineering — CGPA: 8.2/10</i>	Phagwara, Punjab Aug '23 – Present
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