Kartik Marwal

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CAREER OBJECTIVE

Motivated Computer Science undergraduate with hands-on experience in Python, SQL, and machine learning. Passionate about solving real-world problems through data-driven insights. Seeking a data science internship to apply my skills, contribute to impactful projects, and deepen my expertise in data analysis and model building.

TECHNICAL SKILLS

- **Languages:** Python, C, C++, JavaScript, SQL (Intermediate)
- **Web Technologies:** HTML5, CSS3, Bootstrap 5, JavaScript, Node.js (Beginner)
- **Databases:** MySQL , Firebase (Beginner - in real-time database & hosting usage)
- **Libraries/Tools:** NumPy, Pandas, OpenCV, Matplotlib, Keras (Intermediate – used in image classification projects), Microsoft Azure AI Services
- **Version Control:** Git (basic CLI usage), GitHub
- **Soft Skills:** Quick Learner, Team Player, Strong Logic Foundation, Adaptable, Continuous Learner

PROFESSIONAL EXPERIENCE

Web Development Intern *Cynbit (Remote) | 06/2025 – Present*
- Contributing to full-stack web development projects using React, Node.js, and Firebase.
- Building responsive and user-friendly interfaces using React and Tailwind CSS.
- Integrating RESTful APIs and handling real-time data using Firebase services.
- Working in an agile team environment, collaborating on sprint-based feature development and deployment workflows.

AI/ML & Python Intern *Coincent.ai 🔗 (Remote) | 02/2024 – 03/2024*
- Built foundational AI/ML models using Python, including computer vision and NLP implementations.
- Completed hands-on, project-based learning aligned with real-world AI use cases.
- Earned a certification in "AI with Python," demonstrating practical understanding of AI development.

***Web Development Intern** – KIS Techno Software (KTSPL Pvt. Ltd., Jaipur)*| 07/2024
- Developed and tested 6+ responsive webpages using HTML5, CSS3, JavaScript, and Bootstrap during internship.
- Explored backend integration using PHP and Firebase, with basic form validation and session handling.
- Built components including booking forms, image sliders, and responsive layouts for client mock projects.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science Engineering   2023 – 2027
Swami Keshvanand Institute of Technology, Jaipur
CGPA: 9.5 / 10 (after 1st year)
- Relevant Courses: Data Structures, Algorithms, Database Management Systems (DBMS)
- Academic Activities: Participated in national-level hackathons and internal software development projects

CERTIFICATIONS

- **Artificial Intelligence with Python** – *Coincent.ai* | 02/2024 – 04/2024
- **Microsoft Certified: Azure AI Fundamentals** – *Microsoft* | *Issued* 04/2024
- **Web Development Internship Certificate** – *KTSPL, Jaipur* | 07/2024

PROJECTS

Quicab – Cab Service Website   07/2024 – 08/2024
- Developed a responsive, multi-page cab booking website as part of a 2-member team, focused on services such as Quicab Parcel, Quicab Rescue, Quicab Cab, and Quicab Fly.
- Implemented approximately 6 web pages using HTML5, CSS3, JavaScript, and Bootstrap 5, ensuring cross-device compatibility.
- Integrated Firebase for real-time database management, user authentication (login/signup), and cloud hosting.
- Designed and deployed booking forms with dynamic data handling, improving user interaction and data flow efficiency.

Landmark Image Classification using VGG19   02/2024 – 04/2024
- Built a deep learning model using VGG19 with 85% validation accuracy, handling 10,000+ images and visualizing prediction confidence.
- Handled large image datasets with dynamic loading and custom batching, and implemented label encoding.
- Visualized data distributions and prediction outputs, gaining hands-on experience in CNNs and image processing.

Fashion MNIST Classification using Neural Networks   02/2024 – 04/2024
- Developed a multi-layer neural network to classify fashion item images using the Fashion MNIST dataset.
- Achieved strong model performance, visualized prediction results, and reinforced skills in data preprocessing and model evaluation.

HACKATHON

Smart India Hackathon 2024 – Internal Selection   08/2024 – 08/2024
Team Member – Constitut Website (Gamified Learning Platform)   Jaipur, India
- Participated in the SIH 2024 internal hackathon round as part of a 6-member team.
- Contributed to the development of "Constitut" — a web-based gamified platform to teach the Indian Constitution through interactive lectures and quizzes.
- Involved in ideation, initial feature planning, and early prototyping.
- The project was later advanced by remaining team members in other hackathons.

IEEE YESIST12 Innovation Challenge – Team Presentation Round   05/2025 – 05/2025
Technical Solutions Lead – SkillBridge Project   Jaipur, India
- Participated in IEEE YESIST12 2025 (college-level round) as part of a 4-member team – Infinity Coders.
- Proposed "SkillBridge" — a mobile-first platform to empower informal workers via voice/video skill profiles, verified reviews, job alerts, and regional-language support.
- Served as Technical Solutions Lead, contributing to solution design, platform feasibility, and user flow strategies.
- Submitted a detailed PPT in the idea round, aligned with SDG 8 and SDG 10.