

DHANUSH KUMAR

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Technical Skills

Languages: Python, Java, SQL, HTML, JavaScript | English, Hindi, Telugu
Database: AWS, Azure, Google Cloud, MySQL, MongoDB, Firebase
Machine Learning & AI: TensorFlow, PyTorch, Scikit-Learn, OpenCV, Computer Vision, NLP
Frameworks & Libraries: NextJS, Tailwind CSS, ReactJS, NodeJS, SaaS, ExpressJS, Flask, REST-APIs
Developer Tools: Git/Github, VS Code, RESTful API, Docker

Experience

Accenture

January 2025 - February 2025

Developer and Technology Job Simulation-Virtual Internship

- Developed software projects using Agile & Waterfall methodologies, improving workflow team efficiency.
- Diagnosed and optimized code using algorithmic thinking to resolve critical bugs reducing system downtime.
- Implemented overall testing using STLC practices, ensuring seamless integration & reducing production bugs.

Machine Learning Researcher

May 2024 - August 2024

BML Munjal University | Gurugram, Haryana

- Designed & deployed an AI-powered air quality monitor, achieving 85%+ accuracy in real-time air quality predictions
- Optimized and trained ML models (KNN, Decision Trees, Random Forests), reducing data processing latency.

Education

BML Munjal University

(GPA: 7.01/10.0) | 2023 - 2027

Bachelor's in Computer Science and Engineering

Gurugram, Haryana

- **Coursework:** Data Structures and Algorithms, Database Management, Operating Systems, Machine Learning, Web Development, Computer Networks.

Projects

Automated Answer Checker | *React.JS, Flask, MongoDB, TS*

February 2025 - March 2025

- Developed an AI-powered exam answer checker using Claude and OpenAI APIs for semantic and sentimental analysis.
- Built a system for automated evaluation, comparing student responses with model answers and providing detailed marks
- Integrated MongoDB for efficient data storage and management, ensuring scalability & user-friendly assessment platform.

Travel Website | *Next.JS, Node.JS, MongoDB*

March 2025 - April 2025

- Designed and developed a travel website with seamless and visually appealing frontend for exploring & booking travel packages while Integrating a secure payment gateway to enable safe and hassle-free transactions.
- Implemented role-based access control for users, admins, and staff to ensure smooth functionality and management.

INDI-Fusion | *EJS, Node.js, MongoDB, JSON, HTML, CSS*

August 2024 - December 2024

- Developed a feature-rich e-commerce platform for Indian artisans, enabling global reach for fashion, pottery, paintings, and handlooms while Promoting Indian cultural heritage by connecting emerging local talent with international buyers.
- Integrated AR technology to enhance customer experience by enabling real-time product visualization.

Achievements

- Ranked Top 10 at Hackaccino (Bennett University) for innovating an anti-rape device currently under patent.
- 5th place in Smart India Hackathon (SIH-Internal) for designing a smart irrigation system using IoT and AI.
- Certified as a Web Developer by completing - "The Complete 2024 Web Development Bootcamp on Udemy".
- Accenture UK Developer and Technology Virtual Experience Programme on Forage - February 2025.