ASHISH KUMAR

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Profile (Experience) − 1.5+ Year

Full-Stack Web Developer AI/ML Engineer with expertise in Node.js, React, Machine Learning, NLP, GANs, and OCR. Skilled in building dynamic web applications and developing intelligent systems. Passionate about creating innovative, data-driven solutions and continuously expanding my skills in both software development and AI.

Education

B.Tech in Information Technology   *CGPA: 9.10*   *2019 − 2023*
SIRT College, Bhopal

Higher Secondary (Science)   *73.4%*   *2017 − 2019*
Pristine Children's High School, CBSE

Secondary Education   *CGPA: 9.6*   *2015 − 2017*
M.T Vidhyapeeth School, CBSE

Experience

AI/ML Engineer / Fullstack Developer   *DRDO Project − NIT Raipur*   **(Dec 2023 − Present)**
- Automated Intelligent Document Processing Tool for Bio Data/Application Information Verification
- Skills: Machine Learning, Optical Character Recognition (OCR) using Tesseract and EasyOCR, Generative Adversarial Networks (GANs), NLP, Python, Flask, React, MYSQL, Pytorch.

Fullstack Developer   *IBI Infotech Pvt Ltd*   **(July 2023 − Dec 2023)**
- Developed a project using Node.js, EJS, Multer, Nodemailer, and MongoDB that enabled users to interact with a dynamic Property Management System.
- Developed a project using Node.js, EJS, Multer, Nodemailer, and MongoDB for conducting Hackathon.

Projects

Patient Management Chatbot   *patient-chatbot* ↗
- The chatbot provides an easy-to-use interface to retrieve a concise summary of a patient's details by using their user ID. It simplifies the process of accessing important patient data, such as medical history, treatment plans, and visit summaries, in real-time, ensuring quick decision-making in healthcare environments.
- Tools Used: HTML, CSS, Python, Flask, Groq API, RAG, LLM, Pandas, CSV.

Farmer's Space - Equipment rental portal   *Farmer's Space* ↗
- Transforming agriculture, Farmer's Space facilitates easy equipment rentals for farmers, fostering efficient farming practices and connectivity within the farming community.
- Tools Used: Html, Css, JS,EJS,Node, MongoDB,Nodemailer.

Divine Restaurant   *Divine Restaurant* ↗
- Divine Restaurant Management: Effortlessly handle orders, inventory, and reservations. Elevate dining with an intuitive system, including convenient table booking capabilities, designed for the restaurant industry.
- Tools Used: Html, Css, JS,EJS,Node, MongoDB,Nodemailer

Technologies

Programming Languages: Python, JavaScript, MySQL, HTML, CSS
Frameworks & Libraries: Node.js, React, Flask, PyTorch, NumPy, Pandas
Machine Learning & AI: Machine Learning, LLMs, RAG, OCR, NLP, GANs, Artificial Intelligence
Databases: MongoDB, MySQL