

KRISHNARAJ D

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PROFILE SUMMARY

I am AI and Data Science student with advanced Java skills and intermediate knowledge in full-stack development and UI/UX design. I am passionate about becoming a software engineer and have experience with a wide range of development tools and technologies. I aim to contribute to innovative projects that push the boundaries of software development and artificial intelligence.

TECHNICAL SKILLS

JAVA	HTML	TAILWIND CSS	GitHub
PYTHON3, C	Figma (UI/UX)	MySQL	Canva
FLASK	Data Modeling	API Integrations	Vercel

PROJECTS

File Converter

Developed a web-based file conversion tool that supports multiple file formats (e.g., PDF, DOCX, JPG). Implemented a clean, intuitive user interface with seamless back-end integration for efficient file processing and conversion, ensuring fast performance and high-quality output.

Credit Card Fraud Detection using Random Forest

Developed a machine learning model to detect fraudulent credit card transactions using the Random Forest algorithm. Implemented data preprocessing, feature selection, and model evaluation techniques.

Facial Attendance Management System using OpenCV

Created a facial recognition system to automate attendance tracking in classrooms. Integrated OpenCV for real-time face detection and recognition to improve efficiency and accuracy.

EXPERIENCE

Full Stack Developer | Research and Development, CreatiVerse

June 2024 - July 2024

- Enhanced data processing efficiency by 30%, optimizing backend operations and improving the overall development workflow.
- Developed AI-driven solutions for predictive analysis, boosting the accuracy of insights by 25% through improved data handling and integration.
- Contributed to 2 high-impact projects by implementing full-stack solutions, resulting in 3 published research papers.

Freelance Developer | Web Development & Graphic Design

- Built functional websites for 2 local businesses, boosting online presence and customer engagement.
- Managed full development process, driving a 20% increase in web traffic.

EDUCATION

Aug 2022-2026

Bachelor of Technology in Artificial Intelligence & Data Science || Saveetha Engineering College, Chennai

Gained hands-on experience in web development through academic projects and collaborations, refining technical and problem-solving skills.

ADDITIONAL INFORMATIONS

- Participated in Smart India Hackathon 2023, and IBM Z Datathon, showcasing problem solving and innovation in tech.
- TCS CodeVita Round 2 Qualifier, among the top competitive programmers globally, showcasing expertise in data structures, algorithms, and problem-solving under time constraints.
- Hashcat Certified – Earned certification in Hashcat, diving deeper into cybersecurity and aiming to enhance software engineering skills.