

AKARSHAN GUPTA

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OBJECTIVE

Full Stack Web Developer seeking a full-time role, with expertise in dynamic web applications, front-end/back-end development, and cloud integration. Focused on delivering scalable, user-centric solutions while leveraging modern technologies.

EDUCATION

Bachelor of Computer Science Engineering, A.C Patil College of Engineering, Navi Mumbai
CGPA: 8.223

St Rocks Junior College of Commerce and Science, HSC Science, Percentage: 65.23

St Xaviers High School, SSC, Percentage: 83.80

SKILLS

Core	Data Structures, Algorithms, System Design, LLM, Diffusion Models
Programming Languages	Javascript, Typescript, PHP, Python, MySQL, C, C++
Frameworks	Next.js, PyTorch, Bootstrap, Vite.js, Express.js, Jest
Libraries	Redux, React, TensorFlow, NumPy, Pandas, Scikit-Learn, OpenCV, NLTK, Gradio
Tools/Platforms	Firebase, AWS, MongoDB, Git, Apache XAMPP, Jenkins, Postman, Docker

EXPERIENCE

Data Science Intern LetsGrowMore	1st Sep 2023 - 30th Sep 2023 <i>Remote, MH</i>
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- Led three projects, driving end-to-end development and implementation
- Applied various machine learning algorithms to evaluate and improve model accuracy.
- Worked with three distinct datasets, performing data cleaning and preprocessing to meet project requirements.

AIML Intern CsrBox	10th June 2024 - 6th July 2024 <i>Remote, MH</i>
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- Created and deployed a chatbot for a restaurant website using IBM Cloud.
- Developed AI/ML models on IBM Cloud using IBM Watson and Jupyter Notebooks, applying various algorithms to test model accuracy
- Utilized IBM Cloud's automated functions to streamline model evaluation and results generation.
- Built and deployed a potato disease classifier with a user interface, leveraging IBM Cloud services for submission and deployment.

PROJECTS

ThreadedArtisy - T-shirt Designer

- Developed an interactive 3D T-shirt customization tool using Three.js and Vite that enables real-time visualization and personalization
- Integrated OpenAI's API for AI-powered image generation, allowing users to create custom designs through text prompts
- Implemented features for dynamic color changes and seamless 3D model rendering to provide an engaging design experience

- ([Try it here](#))

Chatverse - Real-time Chatting App

- Built a dynamic chat application using React.js and Redux with Firebase as the backend database
- Implemented streamlined user authentication with automatic profile population upon sign-in
- Created an intuitive interface for real-time messaging and user interactions
- ([Try it here](#))

AlgoWiz - Algorithm Visualizer

- Developed an interactive sorting algorithm visualization tool using Vite and React
- Implemented features for custom array input and random array generation
- Created real-time visualization with adjustable animation speed and timing functionality
- Designed dynamic block animations to demonstrate algorithm performance and execution
- ([Try it here](#))

ClaritySnap - AI Summarizer

- Built a web application using React.js integrated with RapidAPI
- Developed functionality to generate concise summaries from website URLs
- Created a user-friendly interface that transforms lengthy content into key highlights for improved readability
- ([Try it here](#))

EXTRA-CURRICULAR ACTIVITIES

- **Open Source Contributions:**Active participation in open-source projects in my field demonstrates my commitment to continuous learning and collaboration within the developer community.
- **Hackathons:** Participating in hackathons has honed my problem-solving skills and demonstrated my ability to work under pressure and collaborate effectively with a team to deliver innovative solutions within tight deadlines.
- **Online Courses and Certifications:**Completing online courses and certifications in new technologies demonstrates my dedication to self-improvement and staying updated with industry standards.