

Aleena Khan

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Education

Vellore Institute of Technology

Bachelor of Technology , Computer Science Engineering
CGPA : 8.73

Bhopal, Madhya Pradesh

Oct 2022 Onwards

Skills

- **Programming Languages:** C, C++, Python, JavaScript, SQL.
- **Libraries:** Numpy, Pandas, Matplotlib, OpenCv, Scikit-learn .
- **Technologies and tools:** React.js, Node.js, Express.js, Tailwind , Postman, PostgreSQL, MySQL, GitHub.
- **Concepts:** Data Analysis, Machine Learning, Operating system, Data Structures and algorithm, Database management system

Experience

Bizprospex

14 Nov 2024–14 Jan 2025

Web developer intern

Burhanpur

- Developed 3+ responsive and user-friendly websites, customized to meet project-specific requirements, resulting in a 30% increase in user engagement and improved retention.
- Enhanced performance and functionality of 2 existing websites by reducing page load time by up to 40% and fixing over 20 critical bugs, ensuring smooth and reliable operation.
- Collaborated with cross-functional teams of 4–6 members, consistently delivering projects on time with 100% adherence to quality benchmarks and client satisfaction goals.

Projects

Bitebook: Food service app

Oct 2023 – Jan 2024

Web development

React, Firebase

- Developed a platform for college canteen platform with real-time tracking and customizable pick-up/delivery options.
- Integrated user reviews and ratings to enhance food quality and service at VIT canteens, leading to a 25% improvement in customer satisfaction.
- Enabled account creation, order saving, and exclusive promotions for personalized dining at VIT.
- Implemented a secure Razorpay payment gateway, enabling smooth online transactions and contributing to a 30% increase in online orders within the first quarter of launch.

Smart Irrigation System

June 2024 – Present

Smart Automation

IOT Sensors, ML, React Native

- Designed a smart irrigation system using IoT sensors and machine learning, optimizing water usage by 30% and increasing crop yields by 20%.
- Configured a web-based interface for real-time monitoring and control, enabling farmers to reduce water wastage by 25% through actionable irrigation recommendations.
- Integrated multiple public APIs for real-time soil moisture and weather data analysis, enhancing irrigation efficiency by 40 % and reducing manual intervention by 50%.
- Implemented automated alerts and notifications for farmers, reducing irrigation-related issues by 35% and ensuring timely water usage adjustments.

Extracurricular Activities

Entrepreneurship Cell

Oct 2023 – Sept 2024

Content Team Co-lead

VIT Bhopal

- Led the development and execution of E-Cell's comprehensive content strategy.
- Optimized future content and boosted engagement by monitoring content performance through analytics.
- Managed a team of writers and designers, ensuring effective collaboration and high-quality content.

Certifications

- Python Fundamentals (Great Learning)
- The complete web development bootcamp (Udemy)
- Marketing strategy - SEO content writing (Linked in)
- Cloud Computing (NPTEL)