

SARVESH KOTHULE

Aurangabad, Maharashtra

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EDUCATION

Vellore Institute of Technology B.TECH Computer Science and Engineering; GPA: 8.19	Bhopal, India June 2021 - August 2025
Vivekanand Jr. College of Science 12th Percentage: 89.00%	Aurangabad, India June 2020 - June 2021
UPS English High School 10th Percentage: 93.20%	Aurangabad, India June 2018 – June 2019

SKILLS SUMMARY

- **Languages:** C++, Python, JavaScript, TypeScript, SQL
- **Frameworks:** React.js, Node.js, Express.js, Flask,
- **Tools:** MongoDB, Git, GitHub, Postman, MySQL, SQLite, AWS
- **Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code
- **Soft Skills:** Project Management, Excellent communication

WORK EXPERIENCE

Backend Developer Intern Wayzone Technologies 	Oct 23- Dec 23
<ul style="list-style-type: none">◦ Developed and Leveraged backend systems, ensuring seamless integration and functionality across 5+ projects.◦ Enhanced MongoDB proficiency, efficiently managing NoSQL databases with a focus on scalability and performance with 0 errors.◦ Applied Angular and Express JS to build and maintain responsive user interfaces, connecting frontend with backend systems effectively with 100's of API's.◦ Created and deployed 10+ websites for local clients and vendors in Pune, optimizing performance, user engagement, and UI/UX.◦ Managed databases and utilized POSTMAN to conduct 100+ API tests, ensuring robust development and debugging across various projects.	

PROJECTS

Breast Cancer Prediction 	June 24- Sept 24
<ul style="list-style-type: none">◦ Designed and implemented a machine learning model to predict breast cancer with 95% accuracy, leveraging the RandomForestClassifier algorithm.◦ Performed comprehensive Exploratory Data Analysis (EDA) on a dataset of 500+ records, including advanced techniques like correlation analysis and feature scaling, resulting in enhanced model performance.◦ Engineered 10+ new features, improving prediction accuracy and reducing overfitting.◦ Ensured end-to-end model optimization and scalability, achieving an 85% reduction in processing time during inference.	
The Blood Map WebApp 	September 23- May 2024
<ul style="list-style-type: none">◦ Modified a user-friendly interface using React.js and TailwindCSS, ensuring a responsive and engaging user experience.◦ Designed and implemented the Blood Map Website, enabling users 100% to donate blood and receive instant emergency assistance.◦ Built a real-time notification system for hospitals to request blood, instantly alerting donors within a 5KM radius.◦ Architected and on a secure MongoDB database, ensuring data integrity and accessibility.◦ Established robust backend connections with Python and Flask, integrating machine learning algorithms to optimize donor-hospital matching with accuracy 70%.◦ Collaborated with a cross-functional team, addressing development challenges, and improving performance by 30% through optimized workflows and code refactoring	

CERTIFICATES

Microsoft Azure Administrator (AZ-104)
<ul style="list-style-type: none">◦ Achieved a score of 728 in the Azure Administrator Exam (AZ-104), demonstrating strong proficiency in Azure cloud technologies.◦ Enhanced expertise in Azure identities, governance, storage solutions, compute resources, and virtual networking, implementing advanced security protocols and optimizing resource allocation for 20% improved efficiency.◦ Gained mastery in procedural programming paradigms and associated logical concepts, strengthening coding capabilities.

AWS Cloud Practitioner (CLF-02) |

- Achieved a score of 870 in the AWS Cloud Practitioner Exam (CLF-C02), showcasing in-depth knowledge of AWS cloud technologies and solutions.
- Grew expertise in AWS Cloud mechanisms and tools, including Amazon EC2, Amazon S3, and Amazon RDS, optimizing cloud-based solutions for performance and scalability.
- Gained proficiency in AWS storage solutions, pricing models, and various cloud service models, ensuring cost-effective and efficient resource management.
- Acquired comprehensive knowledge of AWS products and deployment strategies, enabling seamless integration of cloud services into diverse applications.