

Gaurav Gupta

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EDUCATION

VIT Bhopal University <i>B.Tech in Computer Science</i>	2022 – 2026 <i>CGPA: 9.04 / 10.0</i>
Vaishnavi Public School, Sagar <i>Class XII (CBSE)</i>	2021 – 2022 <i>90.2%</i>
Kendriya Vidyalaya Nowrozabad <i>Class X (CBSE)</i>	2019 – 2020 <i>91.4%</i>

TECHNICAL SKILLS

Languages: Python, C/C++
Web: HTML5, CSS3, REST APIs
Cloud Services: AWS (S3, CloudFront, IAM), Azure (Blob Storage, Logic Apps, Functions)
Azure Data Factory, Key Vault, Monitor, SFTP
Tools: Git, GitHub, Bitbucket, Jira
Workflow: Agile, Scrum

PROJECTS

Crop Cure Portal | Full Stack, ML, Cloud

- Led the development of a farmer-centric full-stack platform integrating machine learning-based image recognition to accurately detect crop diseases from leaf images captured via smartphones, improving early diagnosis.
- Implemented local language support and voice-based input features to make the platform accessible and user-friendly for rural farmers with limited technical expertise.
- Developed interactive dashboards providing seasonal crop suggestions, government scheme information, weather forecasts, and farming best practices, enhancing farmers' decision-making capabilities.
- Utilized machine learning to analyze farmer input data for yield tracking and disease management, significantly increasing crop productivity and reducing losses due to pests and diseases.

MediSinCare Platform | Full Stack, ML, Cloud

- Architected a secure full-stack healthcare platform to manage sensitive medical data, employing end-to-end encryption and strict access controls compliant with HIPAA and GDPR regulations.
- Developed machine learning models that generate personalized healthcare recommendations and risk assessments, increasing user engagement by 40% through actionable, customized insights.
- Integrated real-time interactive analytics dashboards that track patient health trends and provide predictive alerts, enabling proactive intervention by healthcare providers.
- Implemented modular microservices architecture deployed on AWS cloud, enhancing platform scalability, reliability, and ease of maintenance.
- Optimized system performance under high traffic by utilizing load balancing, caching strategies, and continuous monitoring with automated alerts to ensure uninterrupted service delivery.

EXPERIENCE

Canary Hiring Technology

May 2025 – Present

SDE Intern

Hyderabad, India

- Managed and deployed cloud infrastructure on AWS and Azure, integrating DDoS protection, WAF, and automated workflows with Azure Data Factory.
- Configured Azure Blob Storage with SAS token and SFTP for secure storage operations.
- Utilized services like Azure Functions, Key Vault, Monitor, and AWS S3, IAM, CloudFront for scalable solutions.

CO-CURRICULAR ACTIVITIES

- Winner, Ecom-thon 2023; Runner-up, Advitya Talent-thon by VIT Linux Club
- 1st Place, State-Level National Science Congress; Represented at IIT Kanpur Nationals
- 5th Rank in Madhya Pradesh, RBI90 Quiz Competition
- Top 5% in India for NPTEL Marketing Analytics
- Regional winner in badminton; runner-up in cricket

CERTIFICATIONS

Cloud Computing — NPTEL (IIT Kharagpur)

Data Analytics — GeeksforGeeks