

Vedika Gangil

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github.com/vedikagangil

Education

VIT Bhopal University , B.Tech in Computer Science (Specialization in Cloud Computing and Automation) – Bhopal	Aug. 2022 – Expected 2026
• CGPA: 8.36/10	
Prodigy Public School , Higher Secondary School – Pune	May 2020 – Jun. 2022
• Percentage: 72.8%	
Prodigy Public School , Secondary School – Pune	Jan. 2018 – Mar. 2020
• Percentage: 90.2%	

Technical Skills

Programming Languages: Python, JavaScript, C++ , Java
Web Development: HTML, CSS, React.js, Node.js, Express.js, REST APIs
Databases & Data Analysis: MongoDB, MySQL, SQL (Basics), Python (Pandas, NumPy), Excel (Pivot Tables, Charts)
Tools & Platforms: Git, GitHub, AWS, Jupyter Notebook, VS Code
AI/ML & Others: Keras, Scikit-learn, MATLAB, Simulink
General: Canva, Advanced Excel, Data Structures & Algorithms, Computer Networks, OOP, DBMS

Projects

BankerBot: AI-Powered Banking Assistant AWS Lex, Lambda, Python, CloudFormation BankerBot GitHub	Jun. 2025
• Built an AI-powered chatbot using AWS Lex, reducing customer support queries by 40% via dynamic slot validation and session caching, measured with AWS CloudWatch logs and achieving 85% intent accuracy	
• Scaled Python-based Lambda functions to process 50+ mock transactions/sec, cutting response latency to <300ms during load testing	
• Automated infrastructure deployment using CloudFormation (IaC) which reduced setup time by 87.5%	
• Implemented fallback handling and response variations, improving user retention by 30%	
• Achieved 99.5% uptime by adhering to AWS Well-Architected Framework (monitored via AWS Health Dashboard)	
ShopEZ: Full-Stack E-Commerce Platform MERN Stack, JWT, Stripe API ShopEZ GitHub	Feb. 2025 – Apr. 2025
• Developed a high performance full-stack e-commerce platform using MERN stack, serving 100+ mock products with 95% successful user sessions	
• Built a responsive React.js frontend with context API for state management, optimizing load times under 2s across all devices	
• Designed scalable RESTful APIs supporting CRUD operations for products, orders, and user data, leveraging MongoDB Atlas for cloud-based storage, handling 50+ concurrent requests with <500ms latency	
• Implemented search, filters, admin dashboard, and payment gateway integration to streamline transactions and business operations improving discoverability by 40% and integrated Stripe API	
• Deployed on AWS EC2 with Nginx (99% uptime) and established CI/CD via Git/GitHub in 4-member Agile team	

Certifications

MongoDB Associate Database Administrator Faceprep	Apr. 2025
Full Stack Developer MERN Smartbridge	Apr. 2025
IBM Machine Learning in Python Coursera	Jan. 2024
MATLAB and Simulink Onramp MathWorks	Sep. 2022