Vedika Gangil

Pune | vedikagangil@gmail.com | +91 9823188540 | linkedin.com/in/vedika-gangil
github.com/vedikagangil

Education

VIT Bhopal University, B.Tech in Computer Science (Specialization in Cloud Computing and Automation) – Bhopal   Aug. 2022 – Expected 2026
- CGPA: 8.44/10

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

AWS CI/CD Pipeline Automation | CI/CD Pipeline GitHub   Jul. 2025
Tech Stack: AWS (CodePipeline, CodeBuild, CodeDeploy, CloudFormation), Maven
- Automated CI/CD pipeline using AWS services, reducing deployment time by 90% (15 mins → 2 mins)
- Implemented Infrastructure as Code (IaC) via CloudFormation for EC2, VPC, and secure IAM roles
- Enabled zero-downtime deployments with CodeDeploy and GitHub webhook triggers
- Configured buildspec/appspec.yml for Maven builds and EC2 deployments
- Established S3 artifact storage with versioning and CloudWatch monitoring
- Achieved 100% deployment traceability through AWS service integrations

BankerBot: AI-Powered Banking Assistant | BankerBot GitHub   Jun. 2025
Tech Stack: AWS Lex, Lambda, Python, CloudFormation
- Built an AI chatbot using AWS Lex, reducing support queries by 40% via dynamic slot validation and session caching, achieving 85% intent accuracy (tracked via CloudWatch)
- Scaled Python Lambda to process 50+ transactions/sec, reducing latency to <300ms during load tests
- Automated infrastructure deployment using CloudFormation (IaC), cutting setup time by 87.5%
- Improved user retention by 30% with fallback handling and response variations
- Ensured 99.5% uptime via AWS Well-Architected Framework (monitored with AWS Health Dashboard)

ShopEZ: Full-Stack E-Commerce Platform | ShopEZ GitHub   Feb. 2025 – Apr. 2025
Tech Stack: MERN Stack, JWT, Stripe API
- Developed a high-performance e-commerce platform serving 100+ products with 95% successful user sessions
- Built a responsive React.js frontend using Context API, achieving <2s load times across devices
- Designed scalable RESTful APIs (Node.js/Express) for CRUD operations, handling 50+ concurrent requests with <500ms latency (MongoDB Atlas)
- Implemented search, filters, admin dashboard, and Stripe payment integration, improving product discoverability by 40%
- Established CI/CD via Git/GitHub in a 4-member Agile team for streamlined collaboration

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