PRITHVI HN

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EDUCATION

Maharaja Institute of Technology   Mysore, Karnataka, India
Bachelor of Engineering in Computer Science |*CGPA:X.XX/10.0*   *Aug2023–Aug2027*
- Affiliated with Visvesvaraya Technological University
- Relevant Coursework: Data Structures, Algorithms, Database Management, Machine Learning, DevOps

TECHNICAL SKILLS

Programming Languages: Python, C++, SQL, JavaScript, HTML/CSS
Frameworks & Libraries: React.js, Node.js, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy
Databases: MongoDB, MySQL, PostgreSQL
DeveloperTools:Git,GitHub,Docker,AWS(S3,EC2),VSCode,JupyterNotebook
Technologies: REST APIs, GraphQL, CI/CD, Kubernetes, Linux, Data Science, Machine Learning, Deep Learning
Soft Skills: Problem Solving, Data Structures & Algorithms, Open-Source Contribution, Team Collaboration

PROJECTS

AI-Powered Code Review Assistant |*Python,OpenAIGPT-4,LangChain,React,FastAPI*   Nov2024
- DevelopedanintelligentcodereviewsystemusingGPT-4andLangChaintoanalyzepullrequestsandprovide automated feedback on code quality, security vulnerabilities, and best practices
- Built a React-based dashboard with real-time code analysis, reducing manual review time by 60%
- IntegratedGitHubAPIforseamlessPRanalysisandimplementedRAG(RetrievalAugmentedGeneration)for context-aware suggestions based on repository-specific coding standards

Multimodal RAG Chatbot |*Python,LangChain,Pinecone,Gemini,Streamlit*   Oct2024
- CreatedanadvancedRAGchatbotcapableofprocessingtext,images,andPDFsusingGoogle'sGeminiAPIand vector embeddings stored in Pinecone database
- Implementedsemanticsearchwith85%accuracyimprovementovertraditionalkeywordsearch
- DeployedonStreamlitCloudwithconversationmemoryandsourcecitationfeaturesforenhanceduserexperience

DevOps Pipeline Automation|*Docker,Kubernetes,Jenkins,AWS,Terraform*
- DesignedandimplementedacompleteCI/CDpipelineautomatingbuild,test,anddeploymentprocesses   Aug2024
- ContainerizedmicroservicesarchitectureusingDockerandorchestratedwithKubernetesonAWSEKS
- Reduceddeploymenttimeby70%andachieved99.9%uptimethroughautomatedmonitoringandrollback strategies

EXPERIENCE

Open Source Contributor
Hacktoberfest 2025 |VerifiedTechContributor   Oct 2025 – Present
                                                                                                  Remote
- Contributed verified pull requests to 10+ open-source repositories, improving documentation and fixing critical bugs

- CollaboratedwithglobaldevelopersonprojectsinvolvingReact,Python,andDevOpstools
- Enhancedcodequalityandimplementedfeatureadditionsacrossdiversetechnologystacks

ACHIEVEMENTS & CERTIFICATIONS

Certifications: AWS S3 Basics, Developing Front-End Apps with React, Tata Group - Cybersecurity Analyst Job Simulation
Hackathons: OdooxNMIT Hackathon Participant, Google Solution Challenge Participant
Competitive Programming: Active on LeetCode and HackerEarth, solved 100+ DSA problems
Open Source: Hacktoberfest 2025 Verified Contributor, GSSoC 2025 Contributor