

Vamshi Banoth

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SUMMARY

Versatile and results-driven technology and creative professional with comprehensive expertise in Data Science, Full-Stack Software Development, Content Creation, and Digital Media. Proficient in full-stack development, data analytics, video production, digital content creation, and quality assurance. Demonstrated success in delivering high-impact projects using cutting-edge tools and technologies, including AI platforms such as ChatGPT, Claude, Gemini, and Veo 3. Adept at managing online communities (e.g., Discord), supporting gamers and QA teams, and ensuring on-time project delivery through effective production coordination and team communication. Skilled in utilizing industry-standard creative suites, productivity tools, and technical frameworks. Strong understanding of agile methodologies, project tracking, and cross-functional collaboration. Recognized for exceptional attention to detail, problem-solving ability, and consistent performance in fast-paced, deadline-driven environments. Open to roles in software development, data science, technical support, community management, QA coordination, digital media, and project operations.

EXPERIENCE

Technical Lead

Highbrow Technology Inc

January 2025 - Present

- Managed a 200-member Discord server, ensuring smooth community engagement, timely support for gamers and QA testers, and resolution of technical or coordination issues.
- Oversaw ongoing production workflows, maintained timelines, and ensured consistent progress by facilitating communication between team members and support roles.

Video Annotator

Highbrow Technology Inc

November 2024 - January 2025

- Analyzed and annotated video data with high accuracy to ensure precise labeling for machine learning models, meeting project deadlines consistently.
- Collaborated with cross-functional teams to improve annotation guidelines and workflows, resulting in enhanced data quality and efficiency.

Technical Trainer

Freelancing

August 2024 - November 2024

- Conducted technical training sessions for 200+ students, delivering comprehensive curriculum tailored to diverse skill levels, resulting in improved understanding and application of key concepts.
- Designed and facilitated interactive workshops on emerging technologies, ensuring student engagement and achieving high satisfaction ratings from participants.

Google Quality Rater

Avila IT

April 2024 - August 2024

- Evaluated search engine results for relevance and quality, enhancing search algorithms.
- Analyzed large datasets to provide insights and recommendations for improved search performance.

Machine Learning Intern

Internship Studio

February 2024 - March 2024

- Developed and deployed machine learning models using Python, Pandas, NumPy, and Scikit-Learn.
- Conducted data analysis and visualization to derive actionable insights, enhancing business intelligence.

Artificial Intelligence Intern

Internship Studio

February 2024 - March 2024

- Implemented neural networks and NLP techniques to enhance AI applications.
- Preprocessed and evaluated data to ensure high model accuracy, contributing to advanced AI solutions.

Machine Learning Intern

GradTwin

December 2023 - February 2024

- Designed and tested machine learning algorithms to improve predictive accuracy.
- Visualized data to support business decision-making and strategy formulation.

PROJECT

3D Animations and Video Editing

- Technologies: Blender 3D, Premiere Pro, After Effects.

- Created 3D animations for commercial and educational purposes, enhancing visual storytelling.
- Edited videos for YouTube and Instagram, improving content quality and viewer engagement.

E-commerce Website Development

- Technologies: HTML, CSS, Bootstrap, JavaScript, React, Node.js, MySQL.
- Developed a fully functional e-commerce site with responsive design for an optimal user experience.
- Integrated payment gateways and implemented secure user authentication for reliable transactions.

Data Analysis for Retail Sales

- Technologies: Python, Pandas, Matplotlib, SQL.
- Analyzed retail sales data to identify trends and patterns, providing actionable insights.
- Created visualizations and reports to support strategic decisions and drive sales growth.

Motion Control with Computer Vision

- Technologies: Python, OpenCV.
- Implemented gesture recognition and object tracking using computer vision algorithms.
- Leveraged hardware such as cameras for real-time motion capture, improving interactive experiences.

CERTIFICATIONS

Programming Foundations with Python

Build Your Own Dynamic Web Application

Introduction to Databases

Data Science 101

Build Your Own Responsive Website

COURSEWORK

Full Stack Developer

NxtWave

Data Analyst and Data Science

NxtWave

3D Animation and VFX in Maya, Blender, 3Ds Max

Udemy

Video and Photo Editing

Udemy

Game Development

Udemy

Cloud Computing and Cloud Architecture

Udemy

SKILLS

- Technical Development:
- Programming: Python, JavaScript, C++
 - Web Technologies: HTML5, CSS3, Bootstrap, React.js, Node.js, RESTful APIs
 - Databases: MySQL, PostgreSQL, MongoDB, SQLite
 - Cloud/DevOps: AWS, Azure, GCP, Docker, Kubernetes
 - Version Control: Git, GitHub

Data & Analytics:

- ML/AI: TensorFlow, PyTorch, Scikit-learn, Keras
- Data Processing: Pandas, NumPy, SciPy, PySpark
- Business Intelligence: Power BI
- Spreadsheets: Advanced Excel, Google Sheets

Content Creation & Media:

- Video Editing: Adobe Premiere Pro, After Effects, DaVinci Resolve

- Graphics: Photoshop, Illustrator, Canva, Figma
 - 3D Software: Blender, Maya, 3ds Max, Cinema 4D, Unity, Unreal Engine
 - Motion Graphics: Adobe Animate, Motion
 - Streaming: OBS, Streamlabs, XSplit
- Productivity & Collaboration:
- Microsoft Office: Excel (Advanced), PowerPoint, Word
 - Project Management: JIRA, Trello
 - Communication: Slack, Microsoft Teams, Zoom
 - Documentation: Confluence, Notion, SharePoint
 - Presentation Tools: Canva, Google Slides
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