VIJAY

FOUNDER & CEO | FULL STACK DEVELOPER | AI/ML ENGINEER

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SUMMARY

Dynamic entrepreneur and technology leader with proven success in building and scaling tech startups. Founded and currently leading Brainitix, managing a team of 20+ professionals. Extensive experience in AI/ML product development, team leadership, and strategic planning. Demonstrated ability to transform technical concepts into market-ready products while fostering a culture of innovation and excellence

PROFESSIONAL EXPERIENCE

Founder & CEO   October 2023 - Present
Brainitix | Jaipur, India

- Built and leading a professional team of 20+ engineers, developers, and business professionals
- Spearheading development of Error.ai and Talker.ai, innovative AI-powered product solutions
- Established comprehensive HR processes, including recruitment, training, and performance management
- Implemented agile development methodologies and quality control processes
- Developed and executed strategic business plans, product roadmaps, and go-to-market strategies
- Managing end-to-end product development lifecycle and resource allocation
- Secured partnerships and collaborations for business growth
- Established company culture, values, and operational procedures

Project Manager & Mentor   May 2024 - Jul 2024
GirlScript Summer of Code | Remote

- Led project management initiatives for GSSOC 2024, overseeing multiple open-source projects
- Mentored participants in AI/ML and full-stack development
- Coordinated between project administrators, mentors, and participants
- Developed and implemented project evaluation frameworks
- Organized technical workshops and training sessions
- Contributed to program strategy and participant engagement initiatives

Technical Marketing Manager   Mar 2023 - Sep 2023
Pathyam Ayurveda | Jaipur, India

- Led technical marketing strategy and implementation
- Developed and optimized e-commerce platform
- Managed digital marketing campaigns and analytics
- Increased online visibility and customer engagement

Marketing Manager   Dec 2022 - Jan 2023
Meta Block Technologies | 2023

- Developed comprehensive marketing strategies for blockchain products
- Led market research and competitor analysis

- Coordinated with technical teams for product positioning and messaging
- Implemented digital marketing campaigns

PROJECTS

- Error.ai: AI-powered error detection and resolution system (In Development)
- Talker.ai: Advanced conversational AI platform (In Development)
- TTP Healthcare Platform: Complete healthcare management system
- Skin Infection Detection: AI-powered medical diagnosis system
- Smart Parking Management System: IoT-based parking solution

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, JavaScript, Django, Flask, Next.js, HTML, CSS, Streamlit
- **AI/ML:** TensorFlow, PyTorch, Pandas, NumPy, NLP, Computer Vision, LangChain, Transformers
- **DevOps & Cloud:** Docker, Kubernetes, AWS, Azure, Jenkins, Git, GitHub Actions
- **Databases:** MongoDB, PostgreSQL, Redis
- **Tools & Technologies:** Kafka, RabbitMQ, Nginx, WebRTC, WebSocket, Celery, Kong API Gateway, Vosk, AI4Bharat, Ready Player Me API
- **Security:** OAuth 2.0, Data Encryption
- **Additional:** Microservices Architecture, API Development, Testing, Integration, Speech-to-Text, Text-to-Speech, Emotion and Tone Recognition, AI-powered 3D Avatars, Avatar-based Communication Platforms

LEADERSHIP & SOFT SKILLS

- **Team Leadership:** Built and managed cross-functional teams, talent acquisition, performance management
- **Strategic Planning:** Business strategy, product road mapping, resource allocation
- **Project Management:** Agile methodologies, risk management, stakeholder communication
- **Business Development:** Partnership building, client relations, market analysis
- **Communication:** Public speaking, team collaboration, stakeholder management
- **Innovation:** Product ideation, problem-solving, creative thinking
- **Entrepreneurship:** Start-up management, business planning, operational excellence

EDUCATION

- **B.Tech in Computer Science (AI/ML Specialization)** Jagannath University, Jaipur │ 2022-2026
- **Diploma in Mechanical Engineering** Government Polytechnic College, Sanawad │ 2018-2021

ACHIEVEMENTS & LEADERSHIP ROLES

- **Startup Recognition:** Young Startup Founder Award at JECRC Foundation (Microsoft collaboration)
- **Hackathon Success:** Team Leader of winning team at Smart India Hackathon
- **Academic Leadership:** E-Cell Convener, leading entrepreneurship initiatives
- **Conference Organization:** Core organizer of International Technical Conference
- **Open Source:** Active contributor and project maintainer on GitHub
- **Technical Events:** Regular speaker and participant in technical conferences and hackathons