

SHIVANSH

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EDUCATION

Bachelor of Technology (B.Tech) Graduating 2027 (Expected)
Vellore Institute of Technology, Bhopal, India 8.28/10.0 CGPA

Relevant coursework: Machine Learning, Web Development, Database Management

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C++, SQL
Web Technologies & Frameworks: React.js, Node.js, Express.js, FastAPI, RESTful APIs
Databases & Cloud: MongoDB, PostgreSQL, Firebase, AWS, Git/GitHub
AI/ML & Tools: TensorFlow, Scikit-learn, PyTorch, GPT-4, Whisper AI, spaCy

PROFESSIONAL EXPERIENCE

TechBrill Solutions, Remote: Full Stack Web Development Intern June 2025 – Present

- Developed and maintained scalable web applications using React.js, Node.js, and MongoDB, serving 500+ users
- Collaborated with cross-functional teams of 5+ developers using Agile methodologies to deliver features 20% faster
- Implemented RESTful APIs and optimized database queries, improving application performance by 15%
- Participated in code reviews and maintained 95%+ code coverage through comprehensive testing

PROJECTS

Kisaan Saathi - AI-Powered Agricultural E-Commerce Platform 2024

Multilingual, AI-powered platform connecting Indian farmers directly with consumers, eliminating middlemen.

- Architected full-stack platform using React.js, Node.js, FastAPI, PostgreSQL, and MongoDB, supporting 1000+ farmers
- Integrated Whisper AI & GPT-4 for voice-to-text functionality in 4 languages, increasing farmer adoption by 40%
- Built intelligent pricing system using machine learning models, improving farmer income by 25-30%
- Implemented fraud detection algorithms with 95% accuracy using behavioral analytics and custom ML models
- Deployed scalable solution on AWS with auto-scaling and load balancing for high availability

Fitness App (React + Firebase) Jan 2025 – Present

Built a comprehensive fitness application for free fitness analysis, stress tracking, and goal achievement.

- Integrated Firebase for secure data storage and user authentication
- Designed interactive dashboards to visualize user progress and provide AI-driven suggestions
- Implemented stress level tracking and goal achievement monitoring features

Crime Detection System Using Machine Learning Aug 2024 – Dec 2024

Developed an ML system to predict crime hotspots in Delhi and Mumbai with 85% accuracy.

- Utilized Scikit-learn for model training and data preprocessing
- Achieved 85% accuracy in predicting crime hotspots across major Indian cities
- Implemented data analysis techniques for urban safety pattern recognition