

SHIVANSH

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A motivated B.Tech student specializing in full-stack web development and machine learning, with hands-on experience in building scalable applications and AI-driven solutions. Proficient in Python, JavaScript, and cloud technologies, I excel in collaborative environments and am passionate about leveraging technology to solve real-world problems.

EDUCATION

Bachelor of Technology (B.Tech)
Vellore Institute of Technology, Bhopal, India

Graduating 2027 (Expected)
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 scalable web apps using React.js, Node.js, and MongoDB, serving 500+ users
- Collaborated with 5+ developers using Agile, delivering features 20% faster
- Built RESTful APIs and optimized queries, improving performance by 15%
- Ensured 95%+ code coverage via code reviews and testing

SVGS IT Solutions, Noida, Uttar Pradesh: Cyber Security & Machine Learning Intern
December 2024 – February 2025

- Applied ML for predictive analytics in a Delhi cyber security project
- Created heatmap visualizations to support law enforcement decisions
- Performed data preprocessing and model evaluation for accurate predictions
- Integrated ML algorithms into production data pipelines

PROJECTS

Kisaan Saathi - AI-Powered Agricultural E-Commerce Platform
2024
Multilingual AI platform connecting 1000+ Indian farmers to consumers.

- Built full-stack platform with React.js, Node.js, FastAPI, PostgreSQL, MongoDB
- Added Whisper AI & GPT-4 for voice-to-text in 4 languages, boosting adoption by 40%
- Developed ML-based pricing system, increasing farmer income by 25-30%
- Implemented 95% accurate fraud detection using behavioral analytics

Fitness App (React + Firebase)
Jan 2025 – Present
Fitness app with AI-driven analysis and stress tracking.

- Used Firebase for secure data storage and authentication
- Designed dashboards for user progress and AI-driven suggestions
- Added stress tracking and goal monitoring features

Crime Detection System Using Machine Learning
Aug 2024 – Dec 2024
ML system predicting crime hotspots in Delhi/Mumbai with 85% accuracy.

- Trained models with Scikit-learn for crime hotspot prediction
- Achieved 85% accuracy in urban safety pattern analysis