

Govind Bhattar

Software Developer · Machine Learning Engineer · Full Stack Developer
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Seeking Summer 2026 Internship Opportunities in Software Engineering & AI/ML

EDUCATION

IIIT Vadodara – ICD <i>B.Tech in Computer Science and Engineering</i>	2023 – 2027 CPI: 8.8/10
Relevant Coursework: Data Structures & Algorithms (DSA), Object Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems, Artificial Intelligence, Computer Networks.	
Shree Vasishtha Vidhyalaya, Surat <i>Class XII (CBSE) – Science Stream</i>	2023 Percentage: 94.6%

PROJECTS & EXPERIENCE

Research: XAI for AI-Generated Image Detection <i>Python, PyTorch, CNN, OpenCV</i> – Authored research on Deepfake Detection; accepted at HDF Workshop (ICVGIP) . – Engineered a pipeline using ResNet50 and EfficientNet architectures, achieving 98.12% accuracy across three diverse datasets. – Integrated Explainable AI (XAI) techniques (Grad-CAM, LIME) to visualize model decision boundaries and identify GAN artifacts.	Jan 2025 – Present
Tox21 Toxicity Prediction (GINE) <i>PyG, GNNs, Transfer Learning</i> – Developed a GINE Network with residual connections to process 12,000+ molecular graphs . – Implemented Transfer Learning (SIDER → Tox21) and optimized hyperparameters, achieving an AUPR of 0.324 , matching pharmaceutical industry baselines.	Jan 2025
Co-Lead, Gymkhana Platform <i>Next.js, MongoDB, Express, Node.js</i> – Architected a scalable full-stack platform serving 800+ active users , reducing manual administrative load by 60% . – Implemented Role-Based Access Control (RBAC) and secure JWT authentication for data protection.	Sep 2024 – Jan 2025
Secure E-Voting System <i>Blockchain, Cryptography, Solidity</i> – Designed a decentralized voting system using Shamir's Secret Sharing to guarantee 100% voter anonymity . – Secured 1st Place at "Hack the Future" Hackathon (100+ teams) for innovation in distributed systems.	Mar 2025
Cinefy – Virtual Theatre <i>WebRTC, Socket.IO, React</i> – Built a real-time streaming application supporting 100+ concurrent rooms with sub-80ms latency. – Optimized WebSocket signaling logic to handle high-traffic synchronization for video playback.	Jun 2025

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript (ES6+), SQL, Solidity
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Redux
Backend: Node.js, Express.js, RESTful APIs, WebSockets, JWT, Microservices
Data & ML: PyTorch, TensorFlow, OpenCV, PyG (Graph Neural Networks), Pandas, NumPy, Scikit-learn
Databases: MongoDB (NoSQL), MySQL, PostgreSQL
Tools & DevOps: Git, GitHub, Docker, Postman, Linux/Unix, VS Code
Competitive Programming: Data Structures, Algorithms, Dynamic Programming, Graph Theory

ACHIEVEMENTS

ICPC 2025 West Asia Regionalist: Secured Team Rank 314 across Kanpur & Chennai regions.
Hack the Future Winner: 1st Place among 100+ participating teams.
Global Rank 750 in LeetCode Contest 475 · **Global Rank 74** in CodeChef Contest 205.
Certifications: Amazon ML Summer School, NVIDIA Deep Learning, Oracle Data Science.
Coding Profiles: LeetCode Knight (Rating 1864) · CodeChef 3-Star (Rating 1615).