

INDUJ GUPTA

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SUMMARY

Full Stack Developer and Cybersecurity Engineer with 2+ years of professional experience in full-stack development, REST API design, and network security. B.Tech Computer Science, MIT Bengaluru (2027). Published researcher at 4 international IEEE and peer-reviewed conferences; 6x national hackathon winner. Proven record: 90% infrastructure cost reduction, 35% ML pipeline latency improvement in production.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, C, Python, Solidity

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, RESTful API, JWT, OAuth 2.0, Web3.js

Databases: PostgreSQL, MongoDB, MySQL, Supabase

Cloud & DevOps: AWS, Docker, CI/CD, GitHub Actions, Agile/Scrum, SDLC, Vercel

AI / ML: Computer Vision, PyTorch, TensorFlow, OpenCV, D3QN-PER, Transformer Networks, Qiskit

Cybersecurity: Penetration Testing, Vulnerability Assessment, Threat Modeling, Incident Response, OWASP, SIEM, Burp Suite, Metasploit, Wireshark, Nmap

WORK EXPERIENCE

Software Engineer Intern | Prizlyn Technologies | Bengaluru, India

Dec 2025 - Present

- Developed production-grade full-stack features using React.js, TypeScript, and Node.js across 3 major product releases; built GitHub Actions CI/CD pipelines reducing build-and-deploy time by 30%.

Cybersecurity Intern | UP Police | Lucknow, India

Jul 2025 - Aug 2025

- Engineered AI-based helmet and seatbelt detection system using Computer Vision, PyTorch, and OpenCV; achieved 40% accuracy gain and 90% cost reduction; conducted penetration testing (Burp Suite, Nmap, Metasploit) identifying 12+ critical vulnerabilities and cutting incident response time by 60%.

Software Development Engineer Intern | Karma Labs | Remote

Jun 2025 - Aug 2025

- Built RESTful APIs and React.js and TypeScript frontend components; reduced ML pipeline latency by 35% and increased user engagement by 25% through asynchronous processing optimizations.

Full Stack Engineer (Contract) | TruckHai | Remote

Jun 2024 - Aug 2025

- Owned REST API development for 500+ enterprise clients; implemented JWT and OAuth 2.0 improving platform security by 50%; optimized PostgreSQL and MongoDB queries enabling 40% faster data retrieval.

EDUCATION

Bachelor of Technology in Computer Science | Manipal Institute of Technology, Bengaluru

2023 - 2027 (Expected)

Relevant Coursework: Data Structures and Algorithms, Computer Networks, Operating Systems, Cryptography, Machine Learning, Distributed Systems

PUBLICATIONS

- Multi-Objective Edge Resource Optimization with D3QN-PER in Quantum-Classical IoT Edge Networks - IEEE COMSNETS 2026 | Bengaluru | Jan 2026
- Learning Quantum Measurement Probabilities with Transformer Networks using Qiskit Simulations - NQComp 2026 - Intl. Conference on Next-Gen Quantum and Advanced Computing | Bengaluru | Mar 2026
- Accepted Research Paper - AICCONS 2026 - 2nd Intl. Conference on AI, Computation, Communication and Network Security | Dubai, UAE | Apr 2026
- Accepted Research Paper - 12th IEEE CONECCT 2026 - Intl. Conference on Electronics, Computing and Communication Technologies | Bengaluru | Jul 2026

PROJECTS

- SurakshaNet (2025) - AI real-time traffic enforcement for UP Police; PyTorch, OpenCV, AWS; 40% accuracy gain, 90% cost reduction.
- InternLoom (2024) - Full-stack internship platform; Next.js, Node.js, PostgreSQL, MongoDB, JWT; multi-role access control.
- Decentralized Freelance Marketplace (2024) - Trustless escrow payment platform; Solidity, Ethereum smart contracts, Web3.js, React.js.
- KisaanMitra (2024) - Agricultural resource and market data platform; Next.js, Node.js, PostgreSQL, RESTful APIs.

AWARDS

- 1st Place - MAHE Mobility Challenge, Cybersecurity Track | 1st Place - Presidency University InnovateX Hackathon
- 1st Place - NMKRV Hackathon, GITAM University | 1st Place - ThinkTank Tech Solstice 2025
- 1st Place - HackABot, Neura AI (Nov 2025) | 1st Place - Prerana Hackathon, GITAM University (Jan 2026)
- YUKTI Innovation Finalist - Top 100 of 10,000 teams (Dec 2025) | MAHE Representative, AI Impact Summit
- President, SDG Club MIT Bengaluru (Aug 2025 - Present) - Led 50-member team; SDG initiatives impacting 500+ students via workshops and NGO collaborations