

Shlok Parekh

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EDUCATION

SVKM's Shri Bhagubhai Mafatlal Polytechnic and College of Engineering	Mumbai, India
<i>Bachelor of Technology in Computer Science and Engineering</i>	<i>2024 – 2028</i>

TECHNICAL PROJECTS

1. Real-Time Anomaly Detection

- Engineered a real-time verification dashboard designed to seamlessly monitor domain statuses, log failed verifications, and track live course discrepancies.
- Developed an autonomous AI agent to automate the validation of research data by scraping and cross-referencing internal records directly against actual live websites.
- Automated the discrepancy reporting pipeline, enabling the system to instantly classify and surface perfectly matched data alongside specific inconsistencies to ensure high data integrity.

2. CourseVerify

- Designed and deployed a comprehensive real-time verification dashboard to seamlessly monitor domain statuses, course discrepancies, and failed verifications.
- Engineered an autonomous AI agent to automate research data validation by actively cross-referencing internal records directly with live website content.
- Programmed the agentic system to intelligently categorize findings, explicitly highlighting perfectly matched data while pinpointing specific discrepancies.
- Streamlined manual verification workflows, significantly improving data integrity and operational efficiency through automated monitoring.

ACHIEVEMENTS & HACKATHONS

- National Finalist: e-Raksha Hackathon Grand Finale at IIT Delhi (January 2026).
- Semi-finalist: ET AI Hackathon organized by the Economic Times.

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Python, Java, C, C++, JavaScript.

Spoken Languages: English, Hindi, Marathi, Gujarati.

Tools & Containerization: FastAPI, Docker, n8n, Google Cloud Run.

Core Competencies: Cybersecurity, Agentic AI Workflows, Threat Detection, Quantum Computing.

Certifications: Network Security by IIT Bombay ([Link](#))