Jitesh Pathak

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EDUCATION

Thakur College of Engineering and Technology, Mumbai, Maharashtra May 2025
BE Electronics and Computer Science *9.16 CGPA(VIIth Semester)*
- Communications Lead at TEDxTCET 2023, Chief Organizer and Licensee 2024
- Volunteered 120+ hours teaching underprivileged kids via Extension Work Team

Thakur College of Science and Commerce, Mumbai, Maharashtra Aug 2021
HSC Computer Science - Grade 12 *89.83%*
- Part of the annual cultural fest (Taarangan)'s marketing team

RBK School, Thane, Maharashtra May 2019
ICSE Computer Science - Grade 10 *92.6%*
- School Vice Captain; led 30-member council ensuring discipline & coordination

SUMMARY

Detail-oriented engineering graduate (2025) with experience in full-stack development and REST APIs. Strong foundation in OOP, data structures, and problem solving.

EXPERIENCE

A4 Analyst Intern Jan 2025 – Present
Reputed MNC *Mumbai, India*
- Developed scalable Java microservices (Spring Boot, Security, Hibernate, PostgreSQL)
- Implemented JWT login, SHA-256 encryption, Swagger API docs, and unit testing (JUnit, Mockito)
- Built and consumed REST APIs

Software Development Engineer - Intern Nov 2023 – Dec 2023
Cryptosoft Pte Ltd *Remote*
- Improved ELK Stack data efficiency by 35% in a Node.js microservice, reducing memory usage and crash rates.

PROJECTS

Termle! A game of words | *MongoDB, Express, React, Node, Tailwind, Clerk* 2024
- Built a word game with 50+ users, added real time features and responsive UI
- Implemented robust user authentication using Clerk

Frida + SSL Bypass (Cybersecurity) 2023
- Wrote a whitepaper on Android SSL pinning bypass using Frida
- Finalist (Top 11/350+) at FOSSx IIT Bombay

summaRIZZer! - Text Summarizer | *HTML/CSS, Node.js, Express, Hugging Face API* 2022
- Developed an NLP-based text summarizer using Hugging Face Transformers, generating concise summaries in ¡3 seconds on average.

CERTIFICATES & ACHIEVEMENTS

- **Certifications:** Google Cloud Practitioner (2023), UiPath RPA Developer (2023)
- Silver Medalist – National Cyber Olympiad 2017 | Bronze Medalist – District Level Karate Tournament
- FOSSx Finalist – Frida SSL whitepaper (IIT Bombay, Top 11 nationwide)

SKILLS & INTERESTS

Languages: Java, Python, JavaScript, SQL
Frameworks/Tools: Spring Boot, RESTful API design, Flask, Express, Hibernate, Docker, Swagger, Feign, Eureka
Frontend: React, HTML/CSS, Tailwind
Database: MongoDB, MySQL, PostgreSQL
Tools: Git, Maven, Postman, VSCode
Interests: Reading, Karate, Public Speaking, Teaching