

# Nirjara Girnale

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## EDUCATION

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### Pune Institute of Computer Technology

B.E. in Information Technology

#### Major Hemant Jakate Vidyanietan, Nagpur

Higher Secondary Education

#### Bhavan's B. P. Vidya Mandir, Trimurti Nagar, Nagpur

SSC (Class X)

2023 – 2027

CGPA: 9.46/10

2020 – 2022

Percentage: 85.67%

2019 – 2020

Percentage: 97.20%

## PROJECTS

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### Traffic Violation Reporter | *Node.js, Express.js, Firebase, HTML/CSS/JS*

Mar 2025 – May 2025

- Collaborated in a 4-member team to build a full-stack traffic violation reporting system for citizen-law enforcement interaction
- Led backend development using Node.js and Express.js; designed REST APIs for reporting, retrieval, and validation of violations
- Integrated Firebase for real-time data storage and authentication; implemented structured data flow between frontend and database
- Handled API endpoints to ensure seamless communication between UI and database; focused on robust form validation and location logging

### Learnify LMS | *MERN Stack (MongoDB, Express.js, React.js, Node.js)*

Jul 2025

- Built and deployed a full-stack Learning Management System — [learnify-lms-2.onrender.com](https://learnify-lms-2.onrender.com) — enabling users to browse, enroll in, or create courses with secure authentication
- Integrated Razorpay subscription workflow with test card support; implemented protected routes and dynamic dashboards for student/educator roles
- Developed responsive React.js frontend with Tailwind CSS, and RESTful backend with Express.js and MongoDB
- Configured SMTP-based contact form for user queries; deployed frontend and backend on Render

## COURSEWORK

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**Core CS** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS

**Others** Computer Networks, Software Engineering

## TECHNICAL SKILLS

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**Languages** C++, Java, HTML, CSS, JavaScript

**Databases** MySQL, MongoDB, Firebase (Firestore)

**Frameworks / Libraries** React.js, Node.js, Express.js

**Developer Tools & Platforms** Git, GitHub, Postman, VS Code, GitHub Pages, Render