

# Parth Sinha

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## Education

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### VIT Bhopal University

2022 – 2026

B.Tech in Computer Science and Engineering (Cyber Security & Digital Forensics)

CGPA: 8.06/10

### St. John's School, Marhauili, Varanasi

2019 – 2021

Class 12th (ICSE) – 82% — Class 10th (ICSE) – 89%

## Experience

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### Full Stack Developer Intern — SmartBridge (Remote)

Jan 2025 – Apr 2025

- Built responsive front-end interfaces using React.js and Tailwind CSS, enhancing user navigation and consistency across devices.
- Developed dynamic components and optimized page rendering for improved UI performance and engagement.

### Database Intern — Faceprep (Remote)

Jan 2025 – Apr 2025

- Worked on database administration tasks including data modeling, indexing, and query optimization using MySQL and MongoDB.
- Earned the MongoDB Associate Database Administrator certification with a score of 96/100.

## Projects

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### Fake News Detection – AI & Security

Sept 2025 – Oct 2025

Tech Stack: Python, scikit-learn, TensorFlow, NLTK, BeautifulSoup

- Developed an NLP-based fake news classifier using Logistic Regression and SVM, achieving 85%+ accuracy on 10K+ articles.
- Integrated real-time data ingestion with BeautifulSoup and optimized preprocessing for 30% faster prediction.

### Production-Ready REST API – Backend Development

Sept 2025 – Oct 2025

Tech Stack: Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, Postman

- Designed and deployed REST APIs optimized for performance and scalability using Node.js and MongoDB.
- Implemented secure authentication and authorization using JWT and bcrypt, reducing unauthorized access risk by 85%.

## Technical Skills

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**Backend & APIs:** Node.js, Express.js, REST APIs, JWT, bcrypt

**Frontend:** React.js, Tailwind CSS, HTML, CSS, JavaScript

**Databases:** MongoDB (Certified), MySQL, Oracle Autonomous Database

**Core CS:** DBMS, Computer Networks, OOPs, Operating Systems

**Tools & Cloud:** GitHub, Linux, AWS (EC2, S3, IAM), Wireshark, Nmap

## Certifications

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- MongoDB Database Administrator (Score: 96/100)
- MongoDB Node.js Developer
- Certified Ethical Hacker (CEH v13)

## Achievements

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- Completed ISL Summer Internship Technical Training Program 2025 at India Space Lab.
- Completed 100 DaysOfCode Challenge on LeetCode (250+ problems solved).
- Active in public speaking and stage performances in college productions *Darpan* and *Sargam*.