

Yatharth Verma

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EDUCATION

VIT Bhopal University

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

Kothrikalan, MP

2022 – 2026

EXPERIENCE

Trufe – Full Stack Dev Internship

Jan 2025 – Jul 2025

Project: Financial Analytics Application & Dashboard System

- Created a modular financial analytics application using **React.js** Frontend and **Firebase** Backend, enabling structured data management across income, expenses, salaries, projects, and loan servicing.
- Engineered interactive dashboards for **real-time** visualization of revenue growth, profit margins, cash flow metrics, and investment KPIs, supporting granular team, resource, and **project-level** insights.
- Developed automated financial data pipelines **automated calculation** ensuring 99.99% data accuracy and enabling error-free reporting for critical financial processes.

PROJECTS

SplitWise [GitHub]

- Built **ExpenseTracker**, a group expense management web app, using **React**, **Firebase**, and **Tailwind CSS** in 3 days, supporting real-time balance tracking for 10+ users across groups.
- Implemented role-based authentication with **Firebase Auth**, including signup and forgot password flows, ensuring secure access for registered users.
- Designed responsive UI with **Tailwind CSS**, featuring mobile-friendly sidebar and 72px friend rows, achieving seamless UX on mobile and desktop devices.

Smart Study Planner [GitHub]

- Created **Smart Study Planner**, a web app for college students, using **React.js**, **Firebase**, **Material-UI**, **Redux**, and **Socket.io**, supporting 100+ simulated users during testing.
- Integrated real-time task and calendar management with **Firestore**, reducing manual scheduling time by 35%.
- Implemented AI-powered study suggestions using **TensorFlow.js**, improving study efficiency by 25% based on user feedback.
- Launched gamification and collaboration features, increasing user engagement by 30% and group project coordination by 40%.

Phishing Link Analysis Using NLP

- Designed a system utilizing **Natural Language Processing (NLP)** to analyze phishing links in emails, processing over 10,000 emails with 95% accuracy in risk assessment.
- Extracted features such as keywords, URL structure, and HTML elements, achieving a 90% detection rate for phishing links across 5,000 unique URLs.
- Implemented analytics dashboard to visualize threat patterns, reducing false positives by 15% and improving system efficiency by 25%.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL, HTML, CSS,

Databases: Firebase, MySQL

Frameworks & Libraries: React

Dev Tools & Platforms: Git, GitHub, AWS, VS Code

ACCOMPLISHMENTS

TryHackMe (Zeldon): Max. **Rating** 122089 **Top** 8 % ; solved 50+ Rooms

CERTIFICATIONS & EXTRACURRICULAR ACTIVITIES

Google Cybersecurity Professional Certificate

Issued by Coursera