

VARUN KUMAR TIWARI

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior

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EXPERIENCE

Full Stack Developer Intern

whatthebeat.com

May 2023 - Present

Remote

- Designed and developed the WhatTheBeat platform from scratch.
- Implemented automated processes for daily content updates to analyze and add the latest songs promptly.
- Designed scheduled jobs for automatic meaning generation and indexing of new songs, boosting content freshness and discoverability.
- Successfully scaled the application to support over 300,000 monthly active users, ensuring high performance with low infrastructural cost.

Full Stack Developer Intern

Alignz Exports Private Limited

June 2022 - July 2022

Remote

- Worked on an algorithmic trading platform.
- Responsible for end to end design, development, and integrations with internal and external APIs.
- Designed system to ensure easy integration and compatibility with numerous databases (MongoDB, and PostgreSQL).

ACHIEVEMENTS

- The **Best Web App** category winner of the Code With Harnoor hackathon, organized by Singh In USA.
- The **Best Web App** category winner of the Winter Projects organized by GDSC and AASF, IIITM, Gwalior.
- Placed among **Top 10** teams in OutOfContext, 36 hours design hackathon organized by Effervescence, IIITA.
- Secured **2nd position** in OpenCode 21, one of the biggest open-source events organized by GeekHaven, IIITA.

EVENTS CONDUCTED

- Conducted a comprehensive 5-day workshop for freshmen, focusing on the fundamentals of **Backend Development**.
- Ran a **Git/Github workshop** for my college freshmen to teach them how to utilize **version control systems** effectively.

SKILLS

1. FRONTEND

Javascript

Typescript

ReactJS

Next.js

Redux

2. BACKEND

NodeJS

ExpressJS

3. DATABASE SYSTEMS

MongoDB

PostgreSQL

MySQL

Firebase

Supabase

EDUCATION

Integrated B.Tech and M.Tech in Information Technology

ABV-IIITM, Gwalior

Expected 2025

7.76 CGPA

Senior Secondary (XII), Science

Little Kingdom School, Jabalpur

May 2019

91.6%

Secondary (X)

Little Kingdom School, Jabalpur

June 2017

9.6 CGPA

PROJECTS

TomperWear - eCommerce Web Application

- Designed and developed an **eCommerce** website for selling clothing essentials.
- Designed user interfaces using Figma, worked with **React.js**, **Firebase** and **Axios** for frontend and **Node.js**, **Express.js**, **Cloudinary**, **Stripe** and **MongoDB** for the backend.
- Developed an **admin dashboard** that lets you create, update, delete products, and track orders.

TomperChat - Chatting Application

- Designed and developed a **Chat Application** similar to **WhatsApp**.
- Worked with **React.js**, and **Axios** for frontend and **Node.js**, **Express.js**, **Cloudinary**, **MongoDB** and **Socket.io** for the backend.

TomperReadmify - GitHub README Generator

- TomperReadmify is a simple editor that allows you to easily add and customize all the sections you need for your **GitHub profile's README**.

TomperJS - Web-Framework

- TomperJS is a **web-framework** based on **MVC**(Model-View-Controller) architecture pattern.
- It's equipped with **reactive** views which react to change on a Model.
- It supports User and custom events using the **Eventing** module.