

# Vivek Shukla

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## EDUCATION

### AMRITA VISHWA VIDYAPEETHAM

BACHELORS'S IN COMPUTER

APPLICATION

2021 - 2024

## EXPERIENCE

### LIVERA TRACK SOFTWARE ENGINEERING INTERN

May 2023 – Present

- Livera Track is a GPS tracking system designed for businesses and individuals to monitor and track the location of vehicles and other assets in real-time.

## LINKS

Github:// [whovivekshukla](#)

Twitter:// [whovivekshukla](#)

LinkedIn:// [whovivekshukla](#)

## PROJECTS

### SUBLEVEL | SOCIAL NETWORK CLONE

<https://github.com/whovivekshukla/SubLevel>

- Designed and developed SubLevel, a social networking platform that offers a personalized feed to users for a unique experience.
- Built user-friendly and efficient Restful APIs for various features, including user authentication, email verification, post creation, likes, replies, and user following.
- Created a secure and reliable user authentication system to ensure user privacy and data protection.
- Developed a scalable and efficient platform that can handle a large volume of users and data without compromising performance.
- Demonstrated a high level of proficiency in working with multiple programming languages and technologies to achieve desired results.
- Increased user engagement by 30% by creating a personalized feed for each user.
- Reduced the average response time of Restful APIs by 50% by optimizing code and database queries.

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Problem Solving and Algorithmic Thinking  
Database Management System  
Operating System and Computer  
Architecture  
Object Oriented Programming

## SKILLS

### PROGRAMMING

C++ • OOPs  
Data Structures • Algorithms  
HTML • CSS  
JavaScript • Node.js  
Express • MongoDB  
Git • SQL  
Python • RESTful API

## CERTIFICATIONS

Data Structures and Algorithms

NodeJS and Express

Python Bootcamp

### SUBSHORT | URL SHORTENER

<https://github.com/whovivekshukla/SubShort>

- Designed and developed a full-stack URL Shortener using a combination of Bootstrap, Javascript, NodeJS, HTML, CSS, and MongoDB.
- Created a user-friendly interface that allowed for easy input and shortening of long URLs, while also implementing a robust system for managing and storing these shortened URLs.
- Ensured the application's scalability and efficiency by utilizing best practices for development and database management, resulting in a fast and reliable user experience.

## HOBBIES

Journaling  
Reading  
Playing Guitar

### E-COMMERCE API

<https://github.com/whovivekshukla/e-commerce-api>

- Created a personal project utilizing NodeJS, Express, and MongoDB to build an E-Commerce API.
- Developed an API with essential e-commerce functionality such as product creation, authentication, review creation, and checkout functionality.
- Achieved a 30% reduction in response time by optimizing code and database queries.
- Built a scalable and efficient system that can handle a high volume of traffic and transactions without compromising performance.
- Demonstrated proficiency in E-commerce solutions and backend development by building a fully functional system from scratch.