DEVANSH THAKUR

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OBJECTIVE

An aspiring software developer with 1+ years of experience seeking full-time role as a software developer.

EDUCATION

Thapar Institute of Engineering and Technology   Patiala, Punjab
BE in Computer Engineering — **CGPA: 8.05**   *2019 – 2023*

SKILLS

Languages:	C++, JavaScript, Java, PHP, HTML, CSS
Frameworks:	Qt, NodeJS, Express, Laravel, SpringBoot(Basic), React(Basic)
Libraries:	Google Maps API, Amazon Selling Partner API, Twilio
Databases:	MySQL, MongoDB(Basic)
Tools:	Mockito, Bitbucket, GitHub, Postman, JIRA

EXPERIENCE

Thunderstrike Quant Research LLP   July 2024 – Present
Founding Engineer

- Majorly contributed and developed a desktop application for traders using the **Qt** framework, enabling manual orders, spread orders, and vanilla strategies for arbitrage trading
- Implemented **low-latency APIs** in **C++** for seamless data transmission to Exchange servers.
- Led **MySQL** database setup to ensure efficient data management.
- Connected the application with the backend trade server using **epoll** and other **system calls** for efficient communication.
- Automated Beginning-of-Day (BOD) and End-of-Day (EOD) operations through shell scripts.

Rudra Innovative Software   October 2023 – June 2024
Software Developer

- Developed **Authentication APIs** and implemented logic to send alerts to users, such as notifying them if their speed exceeds the usual limit, using **Laravel** for **Alertrax**, a mobile application for vehicle tracking system.
- Implemented **Firebase FCM**, **Twilio** and **Google Maps API** to send push notifications, text messages and track user locations.
- Developed a **Shipment Reports Module** for a client using **Amazon Selling Partner API**, **Laravel**, **MySQL**, **HTML**, **Bootstrap 5**, and **jQuery**.
- Created methods to fetch **Amazon MSKUs** with status fulfilled by Amazon or by merchant and generate reports as requested by the client.
- Created **Laravel migrations** and models to interact with database tables as needed for the tasks.

Paytm   January 2023 – June 2023
Software Engineering Intern

- Created **Middlewares** in **Laravel** to prevent **SQL Injection attacks** and **fixed several bugs** assigned by leads in **CreditMate** project.
- Created and tested **REST APIs** and **POJO models** for communication with the database in the **Settlements Module** using **Spring Boot**.
- Created **MySQL** queries to create and modify database tables, as well as to retrieve data for **APIs** in the **Settlements Module**.
- Worked with **Mockito** and **JUnit** for unit testing of **APIs** in the **Settlements Module**.

PROJECTS

YelpCamp
- A portal where users signup and can post about upcoming camping endeavors and customers can give rate the service.
- Used **HTML, CSS** and **Bootstrap** for Front-End Development
- Back-End Development using **Express** and **NodeJS**
- Have used database **MongoDB**

INTERESTS

Gymming, Gaming, Watches