

# PUSHPENDER RAJPUT

Software Engineer

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## EXPERIENCE

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**Eigen Technologies Pvt Limited,**  
Software Engineer Intern

June 2023 – August 2023

- Implemented RESTful APIs in Flask, collaborating with a development team.
- Migrated a backend into Rust using Actix, resulting in a 34% efficiency improvement.
- Developed a Rust program using threads and processes for concurrent execution and employed asynchronous programming techniques with the futures crate, attempting to create a distributed program.

## Technical Skills

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HTML, CSS, JavaScript, Bootstrap, Tailwind, Reactjs  
Python, Flask, Nodejs, Nextjs, Express, TypeScript  
SQLite, MongoDB, PostgreSQL  
Git

## PROJECTS

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### Cricket Blog Website

<https://github.com/pushpenderrajput/cricketmania>

- Developed a responsive blog website using the Python Flask framework, incorporating SQLite as the database engine and SQLAlchemy for efficient data management.
- Integrated RESTful APIs for enhanced communication between the frontend and backend, improving overall performance and scalability

### Stock Price Tracker Web Application

<https://github.com/pushpenderrajput/StockPrice>

- Developed a Python script that retrieves real-time stock data for a specified company (e.g., Apple) from Alpha Vantage API and latest news articles from News API.
- Integrated Twilio API for sending SMS notifications to a designated phone number when the stock price variation exceeds a predefined threshold.
- Employed Python, requests library for API calls, Twilio REST API for SMS communication, and utilized financial APIs like Alpha Vantage for market data.

### LinkedIn Job Application Automation

<https://github.com/pushpenderrajput/Linkedin>

- Automated the LinkedIn job application process using Selenium, minimizing manual effort and streamlining the application workflow.
- Integrated secure handling of login credentials, ensuring the confidentiality and integrity of user data during the automated login process.

## EDUCATION

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**Rao Pahlad Singh College of Engineering and Technology**  
Bachelor of Technology, Computer Science and Engineering

August 2021 – Present