# KASHYAP KRISHNA R

**Mechatronics Graduate**

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Kottayam,Kerala

## SUMMARY

Mechatronics graduate with a passion for continuous learning and a strong desire to transition into the software development field. Eager to leverage my analytical mindset, problem-solving abilities, and interdisciplinary background to contribute to innovative projects in the IT industry. Proven adaptability and a natural curiosity for emerging technologies make me a quick learner, poised to excel in a dynamic and collaborative software development role

## EDUCATION

**Lovely Professional University,Phagwara**

B.Tech in Mechatronics Engineering
2019-2023
8.41 CGPA

**The Baker Vidyapeed, Kottayam**

XII Standard(Computer Science)
2018-2019
84.7%

**The Baker Vidyapeed, Kottayam**

X Standard
2016-2017
10 CGPA

## SKILLS

- Programming Languages: Python, C++,C
- Database Management: MySQL, SQLite, MongoDB
- Web Development: HTML , Bootstrap
- Frameworks & Libraries: Flask, Pandas, NumPy, SQLAlchemy
- Other skills: Web Scraping, API Integration, Figma

## LANGUAGES

- English
- Malayalam
- Hindi

## CERTIFICATIONS

- Python for Data Science(2022) - IBM
- Introduction to Programming Using Python - IPSR Solutions Ltd

## PROJECTS

**Flipkart Review Scrapper**

- Description: A flask based review scraping program that scraps the product details and reviews from Flipkart helping the user analyse the product reviews at an instant.
- Skillsets: Python, HTML, CSS, flask, Web scraping
- App Link: review-scrapper-jtkh.onrender.com

**Amazon Price Tracker - Automated Product Price Monitoring and Email Notifications**

- Description: A Python web scraping program that extracts product details and prices from Amazon, and compares the price against the user desired price and sends email notifications when the product price falls below the specified threshold. This come in handy during mega discount sales.
- Skillsets: Python, HTML, bootstrap, flask, threading, Web scraping
- App Link: amazon-price-tracker-qo5y.onrender.com

**Task Manager App**

- Description: An app that helps the user in listing their daily tasks with basic CRUD operations also involved.
- Skillsets: Python, HTML, bootstrap, flask, SQLAlchemy, SQLite
- App Link: to-do-app-8grm.onrender.com

**Electromechanical Analysis Of Neurospikerbox Assisted Prosthetic Limb**

- Description: Developed a prosthetic arm with a novel mechanotactile feedback system and published the research paper in AIP conference.
- Skillsets: Used CAD and circuit designing software to design, simulate and analyse the feedback system of the prosthetic limb.
- Outcome: Studied the electrical and mechanical components of the prosthetic arm and determined how they interact with each other during operation.