

# Abhay kumar

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: Bangalore

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## FRONTEND DEVELOPER

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I am an ambitious, Self motivated ,Fast Learner ,Tech and Coding enthusiast proficient in Python, Data Structures, Algorithms , Problem Solving, Competitive Programming Object-Oriented-Programming (OOPS ) familiar with C++, HTML, CSS , JavaScript , NodeJs, ReactJs , Bootstrap,MySQL, Git Github, Firebase

## EDUCATION

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### Bangalore Institue of technology

Bachelor of Engineering in Eectronics and Communication

Bangalore

May 2020 – April 2024

### Central Board of Secondary Education XII

Mahatma Gandhi Sikshan Sansthan

Darbhangha

April 2019

## PROJECTS

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### Liver Cancer Detector

Python , Matlab, OpenCv

[Source Code](#)

- Developed an image processing algorithm to detect liver tumors in MRI scans using **Python ,Opencvand Matlab**
- Utilized OpenCV to preprocess and analyze **MRI images**, including **feature extraction and segmentation**
- Optimized the algorithm by addressing issues related to **image noise and low contrast**, resulting in **improved accuracy** and reduced false positives
- Achieved an **accuracy rate of 86 percent** in detecting malignant tumors through the implementation of active counter method

### Netflix Clone

React.js, Saas, Firebase, TMDB Api

[Source Code](#)

- Created and deployed a full-stack web application for streaming video content with a front-end that replicated Netflix's.
- Implemented features like user registration, login, and session management for a personalized user experience
- **live link**

## EXPERIENCE

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### Web Developer Intern

Sparks-foundation

Apr 2022 – Present

Remote – Bangalore

- Created and deployed a front-end web application for banking Management system
- Established and led a cross-functional team to integrate Razorpay APIs and streamline payment processes; delivered a 30 percent reduction in payment-related customer service issues and achieved a 25percent increase in customer satisfaction
- Improved **website performance** and speed through optimization techniques by **55%**

## TECHNICAL SKILLS

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**Languages** : C++,JavaScript, Python, HTML, CSS

**Frameworks** : React.js , TailwindCSS

**Databases** : MYSQL,Firebase

**Dev Tools** : Visual Studio Code, Google cloud

**General skill** : Data structures , Algorithms

## CERTIFICATIONS

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- [Advanced Software Engineering Virtual Experience Program](#)
- [SQL Certificate](#)
- [Python Basics to Production](#)
- [DevOps](#)