

HARSH RAJ

+91 7761910688 ♦ Kottayam, India

harsh79raj@gmail.com ♦ [linkedin.com/harsh](https://www.linkedin.com/in/harsh) ♦ [Github](https://github.com)

EDUCATION

Bachelor of Technology - Computer Science, IIIT Kottayam

2020-2024

CGPA: 8.0

Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases

SKILLS

Languages: Python, C, C++, JavaScript, HTML, CSS, JAVA, TypeScript
Frameworks: React, NodeJS, ExpressJS, Tailwind CSS, Bootstrap, Numpy, Pandas, Tensorflow
Tools: Kubernetes, GIT, Hashcat, Ubuntu, Linux
Soft Skills: Leadership, Event Management, Content Writing, Public Speaking, Designing, Video Editing

EXPERIENCE

Software Development Intern - [link](#)

Jul 2022 - Sep 2022

Hobnobly

Remote

- Experience in refactoring company website using React, TypeScript, and Tailwind CSS to improve overall performance and user experience.
- Experience in deploying website using EC2 instances and managing branches for efficient code management and maintenance.
- Skilled in website optimization techniques, including image and data optimization using tools such as Squoosh.
- Developed and deployed a Blog website using WordPress, demonstrating proficiency in CMS platforms and web development.

PROJECTS

Diabetes-Analysis The project utilizes a feed-forward neural network to accurately predict diabetes in patients. Utilizing Tensorflow and Keras for model training, the optimization was performed using the Adam optimization algorithm. The model takes into account various factors that may influence diabetes to achieve an accuracy of 0.8. ([Colab Link](#))

TextTools: The project is a text manipulation tool that enables various text processing operations such as case conversion (uppercase/lowercase), text clearing and copying, and removal of extra spaces between words. Additionally, it also provides a Text Summary feature that gives a statistical analysis of the text including the number of words, characters, and an estimated time to read the text. Tech used: React and Bootstrap. ([Vercel Link](#))

Currency Converter: A basic python based currency converter which uses a free API to get the list of currencies as well as the exchange rate. The application can be only be accessed via command line interface. ([Github Repo](#))

Todo List: A todo list made with MERN stack where a user can add task, checkout a completed task, view leftover tasks as well as delete the completed ones. ([Github Repo](#))

LEADERSHIP

Outreach and Marketing Lead(Core Team Member) -

Aug 2022 - Present

Trendles Club(Social club)

IIIT Kottayam

◦Point of contact for every club for content, design, videos and coverage of events. ◦Leading team of 21 students for PR to connect every student at campus. ◦Leading team of 20+ designers for making posters and mockups. ◦Head of coverage and social media team of IIIT Kottayam. ◦Created monthly photobook out of scratch.

Mess HR(Core Member) -

Aug 2022 - Present

Student Mess Committee

IIIT Kottayam

◦Core Mess committee member. ◦Handling mess of 1000+ students. ◦Managing the supply chain and billing of mess.

VOLUNTEER EXPERIENCE

- **SWATCHTA HI SEVA - Cleanliness drive(Sep '22):** ◦Event organiser. ◦Conducted slogan writing competition. ◦Best out of waste competition.
- **Adavya - IIIT Kottayam's first ever virtual fest(July '21):** ◦Co-founder. ◦Executive Head for 18 events. ◦Head of Design Team. ◦Head of Social Media.