

Abhiram S

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EDUCATION

- National Institute of Technology, Calicut** Jul 2018 – Present
B.Tech Civil Engineering
Currently in 8th sem with 8 CGPA
- Kendriya Vidyalaya, Pattom** Apr 2016 – Feb 2018
Higher Secondary
Passed with 93.6 %
- Kendriya Vidyalaya, Pattom** Apr 2014 – Feb 2016
High School
Passed with 10 CGPA

PROFESSIONAL EXPERIENCE

- Creative Content Developer Intern** Jun 2021 – Jul 2021
Vidyakansha NGO 📄
- Responsible for creating the content for students to achieve application based learning approach.
 - Displayed good designer and content skills and a self-motivated attitude to learn new skills.

PROJECTS

- Traffic Signal Timing Optimization for Isolated Signals** 📄
(Ongoing Research Project)
- Created an intelligent transportation system for traffic flow control through traffic signal optimization.
 - Used various optimization algorithms like Ant Colony algorithm and Genetic algorithm for finding optimal path.
 - Traffic was simulated using VISSIM and the algorithms were modified to suit local traffic conditions.
- Personal Schedule Manager** 📄
- Option to add, remove and edit tasks, and alert overdue tasks.
 - View all tasks for the week and sort by name, due date and importance.
 - User registration for multiple people implemented using Flaskr.
- Eduserver Attendance Automation Tool** 📄
- By using python for web scraping, the program marks the attendance on Eduserver.
 - It also opens the corresponding class at the right time.
 - Users can input username and password in the auto.py file and modify the timetable.py file to use the program.

SKILLS

C++ | Python | Javascript | ReactJS | CSS | HTML | SQL | Microsoft Excel

TOOLS

Git | VS Code | Docker | PyCharm | Netlify

CERTIFICATES

- Programming for Everybody (Getting Started with Python)** 📄 *(Coursera – Credential ID CERTAJTSKMXN)*
- Larsen and Toubro Technical Webinar Series – Anubhav** 📄 *(L&T Corporate Technology & Engineering Academy)*

POSITION OF RESPONSIBILITY

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|-----------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------|
| Senior Executive
<i>Ragam 2020 Workshop Committee</i> | Junior Executive
<i>Ragam 2019 Hospitality Committee</i> | Junior Executive
<i>Tathva 2018 PR Committee</i> |
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LANGUAGES

English | Hindi | Malayalam