

SURYA VR

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EDUCATION

Bachelor of Technology(B.Tech), Computer Science <i>College of Engineering, Trivandrum, CGPA: 9.54/10 (up to S4)</i>	2019 - Present
Higher Secondary Education <i>KHMHSS Alathiyur, Percentage: 96.3</i>	2016 - 2018

INTERNSHIPS

Backend Developer LearnbyResearch <ul style="list-style-type: none">Developed backend for a platform that engages research community for their areas of interest with tools for research publications, events, grants, articles, etc using Nodejs and MongoDB.Fixed all bugs and added new features throughout the internship period	June 2021 - April 2022
Backend Developer FaunaNation <ul style="list-style-type: none">Worked as a backend developer for a mobile application which is a government project in relation to animal protection using Nodejs and MongoDB.Delivered reliable, secure and efficient APIs that are easy to use by other developers.	August 2021 - September 2021
Project Manager Aim2Excel <ul style="list-style-type: none">Collaborated with development team to plan project sprintDone testing and created report on the identified fixesSupported development and software quality assurance to ensure optimal progress and product stability for end usersMonitor workflow and make timeline adjustments as needed	Oct 2021 - Feb 2022

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript	Web Technologies: Node.js, React.js	Database: MySQL, Postgresql, MongoDB
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PROJECTS

AI Antivirus System <i>Deep Learning, Flask, Cybersecurity</i> <ul style="list-style-type: none">Analysing the accuracy of various deep learning algorithms with different optimizer and choosing a best model which will detect network intrusionsCreate a REST API for the model using flask.Implement packet sniffer using c++ to inspect each packet coming to the network.Develop network intrusion prevention and prediction system	- Present
Sorting Algorithm Visualizer <i>React.js</i> <ul style="list-style-type: none">A graphical representation of various sorting algorithm which visualizes the process that takes place in different sorting algorithmsAlgorithms included : MergeSort, QuickSort, InsertionSortSortVisualizer	
Sudoku Solver <i>Python</i> <ul style="list-style-type: none">Sudoku solver implementation in pygame using backtracking	

ROLE OF RESPONSIBILITY

- Women TechnoHub**
Designed and developed website. Mentored juniors on web development and maintenance

CERTIFICATIONS

- 30 days of Google Cloud Program
- Introduction to Cybersecurity Tools Cyber Attacks by IBM
- The complete nodejs developer course
- Complete Machine Learning and Data Science Bootcamp