**Sudhay Senthilkumar**

**EDUCATION**

* **B.Tech Computer Science and Engineering**

**CGPA – 9.63 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 98.33% **2019**

Institution:

* **Class 10** – 100% **2017**

Institution:

**TECHNICAL INTERESTS**

Machine Learning, Full stack Development, Front end, Data Structures

**PROJECTS**

**Visual Studio Code extension**

Developed a Visual Studio Code extension that enables users of VSCode to easily transfer files to other users with no middlemen having access to the files using Peer to Peer connection, all without leaving VSCode.

Fetched 262 installs and 18 upvotes on ProductHunt.

Technologies used : Microsoft Azure, WebRTC, PeerJS, Firebase, CoTURN

(STUN and TURN servers), Webpack, VSCode, SSH, NodeJS, ExpressJS

**Google Assistant based E-Voting Platform**

An online elections portal with statistics obtainable from Google Assistant Developed an online election holding platform for a residents' association in Coimbatore with the need to hold transparent yet secure voting process.

Election statistics like votersturnout and leading candidates can be readily

obtained using voice commands from Google Assistant enabled devices.

Technologies used : NodeJS, Actions on Google, Redis Caching, Zoho Mail,

Nodemailer, Axios, Dialogflow

**Doctor On Call - Telemedicine Platform**

Free telemedicine service compliant with Telemedicine Guidelines – 2020 published by Medical Council of India offered through a website during the COVID-19 pandemic.

Recognized by the IMA State Secretary - Tamil Nadu

Provided valuable information for 1800 visitors in partnership with 7 doctors

and 1 dentist.

Technologies used : HTML, CSS, JavaScript, Google Analytics, Cloudflare.

**Free Course on Basics of Computers**

Designed the module and Conducted

Conducted a Free 4 week long Certified Course for underprivileged orphans at

Ashraya Balabhavan, Bommanampalayam, Coimbatore under the mentorship of ATOM Systems Private Ltd, Coimbatore.

**TECHNICAL SKILLS**

JavaScript, Python, C/C++, HTML, CSS, EJS, React.js, NextJS, Microsoft Azure, Linux, SSH, Cloudflare DNS, Docker, SQL, MongoDB, Firebase Firestore

**CERTIFICATIONS**

**HackerRank - Skill Certification**

Problem Solving (Basic)

**HackerRank - Gold Level**

Problem Solving, Python

**HackerRank - Skill Certification**

Python (Basic)

**HackerRank - Skill Certification**

JavaScript, React

**ACHIEVEMENTS & HONOURS**

**Best UX Award - DevRev Coding With AI Hackathon 2022**

DevRev Inc.

Winner of the Best UX Award for developing the first of its kind VSCode extension, JetSet for VSCode in the DevRev - Coding With AI Hackathon conducted with the theme of creating a Visual Studio Code Extension for better developer experience.

**Hacktoberfest 2020,2021**

DigitalOcean

Contributed to Open Source projects and functioned as a Project Maintainer for "ShopOnline" - an e-commerce based web application which attracted 28 contributors during the event with a total of 48 forks on GitHub

**JEE Mains - 2019**

National Testing Agency

Secured 97.27 percentile in JEE Mains - 2019

**World Record Holder - Swimming**

Elite World Records, Asian Records Academy

Swam a distance of 13.35 kms using medley style in a span of 5 hours.

Adjudicated by Elite World Records, Unique World Records, Asian Records

Academy, India Records Academy and Tamilan Book of Records.

**EXTRA CURRICULAR ACTIVITIES**

**Web Development Lead - Technical Team**

Google Developer Student Club

Developed hands-on activities for club members to highlight few possible vulnerabilities in building web applications with Firebase.

**Developer**

Amrita CORE Lab

Associated as Developer at the Amrita CORE Lab team upon development of a Book Inventory Management Web Application with all CRUD Operations and Custom Access Privileges for users of the system

**Student Researcher**

Detection and Prevention of Advanced Persistent Threat (APT) Activities in

Heterogeneous Networks using SIEM and Deep Learning

**LANGUAGES**

English, Tamil