

VASIL K H

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EDUCATION

ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR
BACHELORS COMPUTER SCIENCE
Percentage: 82.58%

2020 - 2023
Kerala, India

ST. JOSEPH'S HSS, PAVARATTY
CLASS 12
Percentage: 95.3%

2018 - 2020
Kerala, India

ST. SEBASTIAN'S HS, CHITTATUKARA
SSLC
Percentage: 95%

2018
Kerala, India

EXPERIENCE

BIGONE TECHNOLOGIES | SOFTWARE DEVELOPER

Thrissur, India | November 2021 – Present

- Worked closely with the **development** team to implement bug fixes and prevent recurrences, resulting in a more stable and robust application.
- Performed thorough manual **testing** and successfully identified and reported defects to ensure software quality and user satisfaction.
- Conducted thorough **research** into various services to effectively fulfill client requirements.
- Designed and developed multiple APIs in the Laravel framework, to enhance system interoperability and data exchange.
- Led the development of various projects on the **Drupal** platform, integrating Drupal modules and themes to deliver scalable and high-performing web solutions for clients.
- **Marketed** the software, Patient Management System developed by the company.

FIREFLIES - ST THOMAS COLLEGE | SOFTWARE DEVELOPER/ TESTER

Thrissur, India | 2021 – 2022

Internship

- Participated in software **quality assurance testing**
- Developed applications for internal use
- Researched into services for fulfilling client requirements
- Managed AKPCTATSR document repository in **Wordpress**

ALGATA | FREELANCE

Angamaly, India

- Managed other team members for timely delivery of projects.
- Ran a **hiring campaign** to get more people to collaborate on projects.
- Conducted research on marketing and found many leads in web development work for the company.

SKILLS

PROGRAMMING LANGUAGES
LIBRARIES/FRAEMWORKS
TOOLS / PLATFORMS

Python, PHP, C, C++, Javascript
Flask, Django, Laravel
Git, Drupal, Wordpress, JIRA, Google Workspace, MIT App Inventor, Canva, Postman
MySQL, PostgreSQL

DATABASES

PROJECTS / OPEN-SOURCE

EAZYFILL

Python, Flask, NER

- Simplifies online application procedures , by auto filling the forms with the data extracted from the documents uploaded by the user.
- Documents are trained using **Named Entity Recognition** (NER) in google colab
- Hence these trained models can be used to extract data from input documents.

BUS TRACKING

PHP, Javascript

- Location sender sends location along with the bus number
- This data is saved in the database
- At the user end, an **application** build using MIT App inventor, retrieves the location data and points it on the according to the input bus number.

HOSPITAL MANAGEMENT

Python

- Records information on Input Patients(IP)
- Records information on discharged Patients.
- Records information about pharmacy transactions, including medicine purchases and billing.
- Records financial data related to hospital transactions.

CERTIFICATIONS

- App Development using MIT App Inventor - ST. Thomas College (Autonomous), Thrissur.
- Web Development using Drupal - BIGONE TECHNOLOGIES.
- Introduction to HTML 5 - Coursera.

HONORS & AWARDS

- Finalist in VAIGA - Agricultural Hackathon 2023
- Organised Vishishtatha - 2022, College NAAC visit programme
- Finance coordinator of Srishti 2023, Inter-college fest, Dept of Computer Science
- Taught a batch of 20 students in LEVEL UP programme (Introduction to Python Programming)