Akash K.A

Entry-level Computer Science Engineer proficient in programming languages and eager to apply technical skills to contribute in projects and solutions.

193 South Street, Thenkarai, Periyakulam Theni - 625601 | akashka032001@gmail.com
(+91) 9597257811 | https://www.linkedin.com/in/akashka03/

WORK EXPERIENCE

Python Full Stack Developer Intern   *July 2023 - Sept 2023*

Shiash Info Solution Pvt Ltd | Chennai

- Learned fundamental Python programming concepts variables, loops, data structure and OOPS.
- Practiced basic problem-solving using Python.
- Discover Tkinter library for building user interfaces in Python.
- Created simple desktop applications with buttons, labels, and entry fields.
- Learned the basics of Django framework: models, views, and templates.
- Gained hands-on experience with database integration, URL routing, and template rendering in Django.
- Developed dynamic web applications for Organ Transplantation using Django, Database connection, HTML and CSS.

PROJECTS

Web Application Development   *Oct 2023*

Organ Transplantation using Django Framework

- This project is developed using HTML5, CSS3, Python, Django Framework and MySQL and implements the data connectivity in this application.
- Identify active organ donors and patients in need.
- Collect donor details and authenticate their health reports.
- Admin approves healthy donors and doctors will monitor patients.
- Store donor and patient information in the database.
- Admin authentication for donor approval.
- Database connectivity for real-time access without direct database interaction.

Website Development   *May 2022*

Web-based Graphical Password Authentication

- Our project is developed using Front-End Tools such as HTML, CSS, and JS, and we incorporated a grid-based authentication.
- To implement authentication, we employed a grid-based approach that involved using an image as a reference.

IBM - Naalaya Thiran (Cloud Application Development)   *Nov 2022*
News Tracker Application

- Our project is developed using web and cloud tools such as HTML, CSS, IBM Tool Kit and we incorporated news searching web application.
- In this project, we need to integrate the application with news APIs and store the data in the database. The database will have all the details and the user can search the news by using a search bar.

Web Application Development   *May 2023*
Online Learning and Training E-learning Website

- Our project was the e-learning web application, specially made for the educational institute to learn more programming courses apart before their syllabus.
- To implement a quiz section with multiple sets of questions, students can only get 50% in the quiz section they only allowed to the next process; otherwise, they must again attend the course in which he/she gets low percentages.

Internships and On-Site Training

- **Internship on Python Programming - Galwin Technology, Madurai**   *Dec* 2020
- **Internship on Software Development - Thrive InfoTech, Theni**   *July* 2022
- **On-Site Training on Telecommunication System - BSNL, Theni**   *Mar* 2022

Professional Development Courses

- Passed the Department of Technical Education's **English and Tamil Typewriting Examination** with satisfactory results.
- Participated in Boot camp On **Netflix Clone using HTML, CSS and JS,** it was organized by DevTown, September 2023

Education

Bachelor of Engineering (B.E) - *Computer Science* (**8.2 CGPA**)   *Completed in 2023*
Theni Kammavar Sangam College of Technology, Theni
HSC (63.5 %)   *Completed in 2019*
Seventh Day Adventist Matric High School, Periyakulam, Theni
SSLC (88.2 %)   *Completed in 2017*
Seventh Day Adventist Matric High School, Periyakulam, Theni

Skills

Python | HTML5 | CSS3 | Bootstrap | Github | Git | Django | MySQL | Windows |Manual Typing| Sublime Text | Canva | Visual Studio Code |Microsoft Office Suite |Pycharm | Communication | Time Management | Adaptable | Analytical Thinking | Teamwork | Creativity| Software Installation| Problem Solving|