Karthik Kannan

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SUMMARY

Experienced Web Developer with an aptitude for computational and design, proficient in leading and collaborating with teams. Successfully delivered exceptional web solutions to a diverse range of clients and employers worldwide.

EXPERIENCE

Freelance Web Developer   2022 - Present
- Developed bespoke websites for individual clients to improve their online presence, creating 6 websites for college events and serving international clients from Vietnam and the United States.

Website Manager   Jan 2022 - Jan 2023
IEDC CCE | Kerala, India
- Coordinated with a team of 10 to update and maintain the website, providing current information for over 30 events conducted by the organization.
- Successfully organized various events, including talks and workshops.

Web Development Intern   Jul 2021 – Jan 2022
Lena Research and Consulting LLP | Hyderabad(Remote)
- Streamlined website operations for the Indian Institute of Business Psychology by creating over 20 web pages for their assessment process.
- Designed and set up a website for Career And Success, a counseling business, comprising over 10 pages, leading to a significant increase in their profit.

Core Web Development Intern   May 2021 - Jul 2021
Let'sGrowMore | Uttar Pradesh, India(Remote)
- Developed 12 web pages, including one for an event, LGM Summer of Code, while also guiding 4 interns in learning new technologies.

Technical Content Writer   Mar 2021 - May 2021
PyGrammers | Kerala, India(Remote)
- Generated engaging content for various social media platforms to promote the use of Python programming language, and wrote promotional content for 3 different events.

Database Updation and Quality Assurance Intern   Feb 2021
STRATECIS | United Arab Emirates (Remote)
- Added over 1,000 entries to the company database while ensuring consistency and minimal errors in the pre-existing data

LEADERSHIP AND VOLUNTEERING

Mentor   2020 - Present
- Provided training to almost **1,000** students in web development and graphic design workshops, including high schoolers, college students, and professors.

Executive Committee Member   Sep 2021 - April 2023
IEEE CCE | Kerala, India
- Aided in conducting over **80** events and actively participated in the workshops and talks that were held.

Secretary   Mar 2022 - April 2023
IEEE Computer Society CCE | Kerala, India
- Founded a technical society and successfully conducted several events with over 100 participants.
- Maintained records of all events and managed the society's finances.

Content Lead   Jul 2021 - Oct 2022
Google Developer Student Clubs CCE | Kerala, India
- Developed content to promote various community events and led a team of writers.

Creative Lead   Mar 2021 - Feb 2022
Tinker Hub CEE| Kerala, India
- Founded a chapter of a technical society within my college, with over 200 members at the end of my tenure.
- Introduced the concept of professional societies to the college and invited resource persons to conduct 5 sessions.

Volunteer   April 2021 - April 2023
NSS | Kerala, India
- Volunteered in a community that focuses on **community service**.
- Organized and participated in cleaning drives, blood donation camps, and charity events.

EDUCATION AND QUALIFICATIONS

APJ Abdul Kalam Technological University | Bachelor of Technology in CSE   July 2019-July 2023
- **CGPA:** 7.95/10.00
- **Relevant Coursework:** Discrete Mathematical Structures, Vector calculus And Differential Equations, Data Structures, Algorithms, Database Management, Object Oriented Programming, Graph Theory

The Indian High School, Dubai, United Arab Emirates | 12th Grade (CBSE)   April 2019
- **Percentage:** 88%
- **Relevant Coursework:** Physics, Chemistry, Maths, Web Development

IELTS | International English Language Testing System   July 2023
- **Score:** 8.5/9

Data Analysis with Python | IBM   September 2023
- A course going through the various methods of data analysis using various packages of Python like **PyPlot, Pandas, Seaborn and Numpy.**

Databases and SQL for Data Science with Python | IBM   September 2023
- Mastered SQL querying and database design, enabling efficient data manipulation and analysis. Learned to use Python packages like **IBM_DB,SQLite and Pandas** for data science applications.

ACHIEVEMENTS AND PROJECTS

Gesture Recognition using AI/ML: A Review | Published Paper Abstract
- Attended the **Student Paper Presentation Contest** held by **IEEE,** a global community of engineers
- Presented a research paper among 20 other teams, consisting of students from several colleges across the state and had it get published in the conference proceedings.
- (**ISBN**: 978-93-5811-708-0, **Page**: 4, **Publishing Body**:IEEE

Gesture Recognition using AI/ML: A Review | Published Research Paper
- Attended the **Artificial Intelligence in Biometrics** Conference (XVI Biennial Conference of International Biometric Society) held by the **International Biometric Society.**
- Presented a research paper among 50 other teams, consisting of students and professionals, and had it get published in the conference proceedings.
- (**ISBN**: 978-93-5811-419-5, **Paper ID**: AIIB_2023_4, **Pages**: 15-17, **Publishing Body**: International Biometric Society)

American Sign Language Translator
- Trained machine learning model to detect ASL sign language, used by people with auditory impairments, and convert them to English through a mobile interface.
- Created a dataset of images for the **26 letters** and **10 other hand signs**, by compiling over 5 datasets and removing duplicates, and other errors. Plotted graphs for accuracy and errors.
- **Python** packages used: **OpenCV, TensorFlow, Matplotlib, Numpy, Pandas**

QR Code Generator
- Used **Python** and 2 modules to create an application that makes QR codes for links.

History of Games (Hackathon Finalist) | https://bit.ly/3NLIwmQ
- Developed a website with 2 teammates from North America as part of a 24-hour hackathon.
- Coded the CSS and other visual aspects of the website, also made the game **Pong** using Javascript.

Elikutty Website (Freelance) | **elikutty.com**
- Helped an influencer, Elizabeth Keyton who has over **130,000** followers on various platforms**,** build a website to expand web presence and start a blog.
- Website reached over **60,000 clicks** and got about **3,000** discoveries from search engines, in the first 5 months of being online.

Tech Intern Of The Month (LetsGrowMore)
- Got selected as the best tech intern, from a team of 6 interns.

SKILLS

- Leadership (Content Lead (**Google Developer Student Club CCE**), Secretary (**IEEE Computer Society**), Creative Lead (**Tinker Hub CCE**))
- Presentation (Pitched and presented ideas and projects to crowds of people, winning idea pitching competitions at some of the best colleges like **FISAT** and **CET**)

- Mentoring (Mentored over **400** students from my college as well as **CUSAT** and **SIAS** in Web Development, and trained **600** students in the use of Adobe Photoshop, Figma and Canva)
- **WordPress,Woocommerce, Figma, Microsoft Excel,Microsoft Word, Microsoft Powerpoint, Adobe Photoshop, Figma and Canva**
- Coding Languages: **HTML, CSS, Python, C, JavaScr, MySQL**