Karthikeyan

Programmer | DSC SASTRA Lead | Musician
https://www.linkedin.com/in/karthikeyank2000/

6/2502-B, Thirumalai Nagar,
Indra Nagar North,
Kovilpatti, TN 628502
(+91) 948-692-8633
karthikeyan.k2000@gmail.com
https://github.com/karthikeyan2000

PROFESSIONAL EXPERIENCE

Plootus, Remote — *PHP Developer*

MARCH 2020 - APRIL 2020

Used Yodlee's APIs to populate the MySQL database and visualised that data on the front end through PHP. Migrated the APIs from PHP 5.2 to PHP 7.3.

Mounthill Healthcare, Freelance — *Full Stack Developer*

SEPTEMBER 2020 - DECEMBER 2020

Worked with a UX designer to build a flutter application from scratch to digitize hospital patient records and streamline outpatient experience for doctors. Developed a backend server in PHP 7.3 with MySQL database, implementing 3rd normal form.

Sellerabbit, Freelance— *Web Developer*

FEBRUARY 2020 - MAY 2020

Implemented Stripe–based payment gateway for the website. Designed the backend in PHP 7.3 with MySQL database (3rd normal form) to store customer records.

EXTRA CURRICULAR EXPERIENCE

DSC SASTRA, *Lead*

Member, MARCH 2019 - PRESENT

Organized and facilitated 40+ workshops and sessions on various topics like Android, Flutter, Cloud, ML and Web. Hosted ExploreML and Android Study Jam twice. Helped organise a week long online technical fest called "DevelUp", with 1000+ participants attending our sessions from across the globe.

300DPI, *Development Lead*

Member, DECEMBER 2018 - PRESENT

Built the official Android apps for the University's sports fest (Colosseum) and cultural fest (KurukSastra) for both the 2019 and 2020 editions. Published the apps on the Google Play Store. Received 500+ downloads

SKILLS

App Development:
Flutter, Android (Java and Kotlin), iOS (Swift 5),

Web Development:
HTML, CSS, Bootstrap, PHP, NodeJS, MySQL

Cloud:
AWS (EC2, Lambda, EBS, S3, RDS, CloudFront, CodeBuild, CodeDeploy), GCP (App Engine, Compute Engine, FireBase).

CERTIFICATES

Swift 5 iOS Application Developer Specialization Coursera, August 2020.

Architecting with Google Compute Engine Specialization Coursera, March 2020.

Introduction to Game Development Coursera, December 2020.

LANGUAGES

English, Tamil, Hindi

and a rating of 4.7.

IEEE SASTRA, *Member*

JULY 2018 - PRESENT

Conducted various events and workshops. Attended IEEE CS India Symposium 2019. Volunteered for IEEE SIGHT program, where I helped villages in remote locations by teaching the local government school children STEM subjects, conducting career guidance workshops for villagers and installing solar street lamps in various locations.

EDUCATION

SASTRA Deemed to be University, Thanjavur — *B.Tech. CSE*

JUL 2018 - Current

Underwent coursework in Google Cloud, OpenGL, AI and Networking Tools and Techniques. Currently undergoing coursework in NLP and Data Warehousing and Data Mining.

PROJECTS

Megha — *Swift 5, TFLite*

Integrated a TFLite model for ground-based cloud classification into an iOS app. Working on a team of three, with the other two teammates building Android and Web based interfaces. Scheduled for release soon.

Skylink OS — *Assembly*

Created a simple 32 bit instruction set with a bootloader and kernel. Loaded the C compiler into the kernel as well.

HOBBIES

Music

I play the recorder, and am a Grade 5 musician certified by Trinity College, London. I perform once or twice a year along with others at the South Music Association, Sattur.

Day Trading

I am a passionate part time day trader dabbling in the US Stock Market (NASDAQ and NYSE).