Peter K Joseph

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Passionate and creative individual with a positive outlook on life. Seeking to bring ideas to life in the design or programming field. Fast learner with the ability to work under pressure while remaining calm and detail-oriented. Would thrive in any creative environment.

Education [more]

Christ (Deemed to be University)   Present
Bachelors in Computer Science and Engineering (Honours in AIML)
- Received an average of 74.23% (as of Aug 2023)

Rajagiri Higher Secondary School   May 2020
10th and 12th
- Received 97.80% in 10th grade
- Received 80.75% in 12th grade

Technical Skills

- NodeJS
- UNIX Scripting
- Web Development
- Java

- Agile
- DevOps
- AWS
- Excel
- C++
- PHP

- Database Management
- C
- C#
- SCSS
- Data Visualization

- Python
- Dart
- Flutter
- JavaScript
- TypeScript

Professional Experience [more]

Toyota Industries Engine India PVT LTD.   *Dec 2022 - Present*
Software Development Intern
- Demonstrated strong programming skills by developing software tools to automate engine testing, error detection and analytics for the TNGA project.
- Proven experience in API development using Flask Restful to enhance project functionality and performance.
- Successfully improved company efficiency and productivity by creating a user-friendly Flutter application for managing production activity as part of the HCPS project.

Industry Interaction and Innovation Cell   *June 2022 – July 2022*
Angular Development Intern
- Proficient in using Angular framework and designing single-threaded applications for optimized performance.
- Developed a user-friendly Grocery List Application and College Extra Curricular Activity Management Page using Angular framework.

F13 Technologies   *March 2022 – July 2022*
AWS Intern
- Skilled in effectively deploying applications on AWS and optimizing AWS services for cost-efficiency.
- Knowledgeable in AWS Partner Networks for enhanced collaboration, with experience in migrating personal projects on AWS using EC2, Bucket Storage, and Aurora.

NewsGram   *June 2021 – Nov 2021*
Python Data Migration Engineer

- Developed Rebelmouse Site Migration ToolKits and successfully migrated Wordpress site to RebelMouse Content Management System.
- Proficient in working with Postman API, API-based authentication, and small amounts of image processing.
- Skilled in content parsing and HTML formatting using Beautifulsoup and completed transfers of approximately 50,000 articles with images and metadata.
- Familiar with using Google Colab and experienced in working with Amazon S3 for storage.

Certificates [more]

- AWS Partner: Machine Learning on AWS *(Technical)*
- *AWS*: Introduction to Machine Learning
- AWS Partner: Foundations *(Business)*
- AWS Partner: Accreditation (Business)
- Advance Excel Specialisation
- Corporate Behavioural Skill Training
- English Grooming Skills
- Python Programming - 30 Hours
- The Joy of Computing using Python
- AWS Partner: Cloud Economics Accreditation
- AWS Partner: Foundations (Technical) (Digital)
- **CISCO:** Introduction to Cybersecurity
- **CISCO:** Cybersecurity Essentials
- Basic to Advance Excel

Volunteering [more]

CAPS – Centre for Academic and Professional Support   *July 2020 – Present*
Committee Head, Team Lead, Volunteer

- Created and developed multiple software tools including *CEWScope, CreditScore, CEWS Booking System,* and *CAPScope Recruit* to enhance workflow and manage recruitment and volunteer activities.
- Led a team of four in streamlining processes by developing and implementing a custom-built software tool that optimized workflow and increased efficiency. Utilized technical skills in programming and project management expertise to orchestrate the development process, oversee team members.
- Enhanced social and teamwork skills through participation in various events and through recruiting volunteers.

IEEE – Bengaluru Section   *Sep 2022 – Present*
Web Master

- In charge of creation and updating of IEEE Student Branch and Event Websites
- Organizing and managing events

Projects [more]

- CAPScope Recruit
- CEWS Booking and Session Management
- CAPS CreditScore
- CAPScope SSO
- Theresian School Magazine
- School Attendance System
- CampusPlanner App
- LightALamp: Online Candle Lighting Ceremony
- mus.io Music Player
- ClassQuiz
- Application Migration Toolkit