Pranav Vidhyasagar

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Objective

Software developer with 4.5 years of experience. Technology-driven individual looking to build software solutions to solve real-world problems.

Education

Amrita Vishwa Vidyapeetham *Coimbatore, India*

B.TECH COMPUTER SCIENCE AND ENGINEERING *July. 2014 - June. 2018*

- CGPA: 8.26

Skills

- **Programming:**

    Primary: Python

    Secondary: Javascript, Java

    ORM: sqlAlchemy, pyMongo

- **Frameworks:** Flask, FastAPI, springboot(Basic)
- **Tools:** Git, Jenkins, Visio, Compass
- **Cloud:** Openstack
- **OS:** Windows, Linux, macOS
- **Databases:** mongoDB, mariaDB, MySQL
- **S/W development model:** Agile

Work Experience

Velocix Solutions *Chennai*

TECHNICAL LEAD *July 2018 - Present*

UMS

- Unified Management Services provides an interactive web application for Velocix suite products which includes CDN, VXOA etc.
- UMS also provides Unified API that helps clients to configure CDNs from other vendors.

Responsibilities

- Built a unified API to configure and manage LIVE and VOD assets. API is based on FLASK web framework with python3.
- Introduced pagination to reduce response time by 40%.
- Designed and implemented a unified login with two factor authentication, also session sharing between multiple applications.
- Frontend for channel management and login was developed using Javascript.
- Created APIs that communicate between CDN and VxAnalytics servers using FastAPI.
- Migrated product from python 2.7 to 3.6
- Been a part of team to migrate base os from centos to rocky linux.

Internship

Honeywell Technology solutions   *Bangalore*
Intern   *Jan 2018 - June 2018*
ChatBot
- Developed a chatbot that helps users get all required KPIs and their performance graphs on the fly through social media chat applications
- Users can diagonise and solve issues on the go through Chat.
- Microsoft azure cognitive services was used for development.

Achievements

- Received Velocix Gold Award for best team performer multiple times.
- Completed BTech with distinction.