

Parth J. Kharwar

EXPERIENCE

Software Developer

Parsimony LLC. | Jun, 2020 - Present

- Developed customisations and modules for the Amazon Marketplace
- Contributed features and bug fixes to ERPNext and Frappe
- Built a Chrome browser extension in VueJS to access SOPs across websites

Web Developer

Self Employed | Sep, 2018 - Present

- Business website for [Priyaanka Shah, Clinical Psychologist](#)
- Web application for the [Computer Society of India, VIT](#)
- Company website for [Natech Solutions India Pvt. Ltd.](#)

Mobile Application Developer

Cerebranium OÜ | Apr, 2020 - Jun, 2020

- Developed a Doctor-Patient mobile-first health platform using Flutter
- Focused on symptom monitoring during the COVID-19 pandemic

Software Engineering Intern

Bloomstack (formerly DigiThinkIt Inc.) | Dec, 2019 - Jan, 2020

- Developed customisations for the Cannabis industry in the USA
- Contributed features and bug fixes to ERPNext and Frappe
- Worked on Microservice architecture and trained in Dev Ops

EDUCATION

Bachelor of Computer Engineering

Vidyalankar Institute of Technology | 2016 - 20 | 8.78 CGPA (average of 8 semesters)

- Specialised in Advanced Algorithms, Robotics, Natural Language Processing
- Student Mentor, Chairperson and Events Head, Computer Society of India, VIT
- Lead Curator and Managing Committee, TEDxVIT

PROJECTS

FlexSmart - Fitness Trainer

- Mobile application using Ionic to monitor an individual during exercise
- Posture analysed using Pose Estimation in TensorFlow JS with Mobile Net
- Corrects posture in real-time with visual and audio alerts

TourTime - A Virtual Tour Guide

- Mobile application using Ionic to identify a landmark from a captured image
- Data server in NestJS and image recognition using TensorFlow in Python
- Admin dashboard using VueJS for system management and overview

RunTime - Tyre Pressure Monitoring System

- Mobile application using Python Kivy to monitor tyre pressures in real-time
- Dashboard for overview and management of all vehicles in a fleet

A complete overview of my projects can be found on my Website and GitHub

SKILLS

- Extensive experience with Linux, Windows and MacOS environments
- Photoshop, Illustrator
- After Effects, Premiere Pro
- MS Office Suite

TECHNICAL SKILLS

- C and C++
- Java
- Python
- Flutter and Dart
- Android App Development
- HTML, CSS, JS, JQuery
- NestJS, VueJS, Ionic
- OpenCV, Machine Learning with TensorFlow

LANGUAGES

- English
- Hindi
- Marathi
- Gujarathi

ACHIEVEMENTS

- 1st place at Smart India Hackathon, 2019 for TPMS
- 1st place at internal college competition for Hotel Management System
- 1st place at internal college exhibition for Natural Language Terminal

PUBLICATIONS

- Research Paper on Accessible and Ethical Data Annotation with the Application of Gamification Presented at REDSET 2019 Published in [Data Science and Analytics, Springer](#)