

Parth Kharwar

+1 (614) 680-1116 | kharwarparth@gmail.com | [linkedin.com/in/parth-kharwar](https://www.linkedin.com/in/parth-kharwar) | parthkharwar.github.io

Education

The Ohio State University, Ohio	2021 – 2023
Master's in Computer Science and Engineering	
Vidyalankar Institute of Technology, Mumbai University, India	2016 – 2020
Bachelor of Computer Engineering	CGPA: 8.78 / 10

Work Experience

Parsimony LLC.	Jun, 2020 – Jul, 2021
Software Developer	
<ul style="list-style-type: none">Developed ERP features specifically for the Amazon MarketplaceContributed features and bug fixes to OSS ERPNext and FrappeBuilt a browser extension in VueJS to access SOPs across websitesRedesigned and built several client-facing web pages and user dashboards	
Cerebranium OU	Apr, 2020 – Jun, 2020
Mobile Application Developer	
<ul style="list-style-type: none">Developed a Doctor-Patient mobile-first health platform using FlutterFocused on symptom monitoring during the COVID-19 pandemic	
Bloomstack (formerly DigiThinkIt Inc)	Dec, 2019 – Jan, 2021
Software Engineering Intern	
<ul style="list-style-type: none">Developed customisations for the Cannabis industry in the USAWorked on Microservice architecture and trained in Dev Ops	
Freelance Web Developer	Sep, 2018 – Present
<ul style="list-style-type: none">Business website for Priyaanka Shah, Clinical PsychologistArtists portfolio and store for Just Craftin' by AnishkaCompany website for Natech Solutions India Pvt. Ltd.	

Skills and Coursework

Development Skills

- Programming: Python, C, C++, Java, Flutter, Dart
- Frameworks: Ionic, VueJS, NestJS
- Databases: MySQL, PostgreSQL, PHP, Firebase
- Web Development: HTML, CSS, JQuery, JavaScript, Tailwind and Bootstrap
- Other: Computer Vision with OpenCV and TensorFlow, Kivy

Relevant Coursework

- Machine Learning, Artificial Intelligence, Computer Vision, Robotics, Natural Language Processing

Other Skills

- Extensive experience with Windows and Linux development environments
- Experienced in MS Office, Git and GitHub, Google Collab and Jupyter and CLI Dev tools

Soft Skills

- Leadership: Student Mentor, Chairperson and Events Head at the Computer Society of India, VIT
- Teamwork Skills: Lead Curator and Managing Committee Member for TEDxVIT

Publications

Research Paper on Accessible and Ethical Data Annotation with the Application of Gamification.

Presented at REDSET 2019. Published in [Springer: CCIS](#)

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

RecidenC - Hotel Management Software

- Developed using data structures and the C graphics library
- Aimed at demonstrating the use of data structures in complex management systems

A complete overview of projects is accessible on my [website](#)