

# Vishal Tejwani

SOFTWARE ENGINEER · DEEP LEARNING PRACTITIONER

Pune, India

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## Profile

I am a software engineer who loves to make things. I'm experienced in Android development and I enjoy Deep Learning and Web development. I love puzzles and challenges. Apart from Computer Science, I enjoy reading, photography, badminton, trekking and playing the piano.

## Skills

### Programming Languages

PYTHON, JAVA, C, C++, JAVASCRIPT

- Proficient in Data Structures and Algorithms, Object Oriented Programming, Scripting

### Android Development

ADEPT AT MODERN ANDROID DEVELOPMENT USING ARCHITECTURE COMPONENTS

- **Basics:** Activities, Fragments, Lifecycles, Intents
- **Architecture Components:** ViewModel, LiveData, Data Binding, Room Persistence Library
- **UI:** ConstraintLayout, RecyclerView, Styles, Drawables
- **Libraries:** Volley, Dagger

### Deep Learning

COMFORTABLE WITH BUILDING AND TRAINING NEURAL NETWORKS USING PYTHON

- **Machine Learning and Neural Networks:** Regression, Classification models, Feedforward Neural Networks
- **Computer Vision:** Convolutional Neural Networks, Pretrained networks, Transfer learning, Fine-tuning, Object detection
- **Natural Language Processing:** Recurrent Neural Networks, LSTMs, Sentiment Analysis, Language models
- **Libraries:** TensorFlow, Keras, NumPy, Pandas, Scikit-Learn, Matplotlib

### Web Development

FAMILIAR WITH WEB DEVELOPMENT AND DATABASE MANAGEMENT SYSTEMS

- **Server side:** Python (Django, Flask); **Frontend:** HTML5, CSS, JavaScript; **Databases:** MySQL, SQLite, MongoDB

### Others - Version Control, Cloud Platforms, Typesetting, Design

GIT / GOOGLE CLOUD PLATFORM, JEKYL + GITHUB PAGES, GOOGLE APPS SCRIPT / LATEX, MARKDOWN / ADOBE XD

## Experience

### Raja Software Labs Pvt. Ltd.

Pune, India

SOFTWARE ENGINEER

June 2019 - Present

- Implementing new features and fixing bugs
- Adding enhancements to existing features
- Designing and conducting training sessions for resource induction
- Automating the annual appraisal process at RSL

### ArrayPointer

Pune, India

MACHINE LEARNING INTERN

May 2018 - Oct. 2018

- Developed a recommendation system for sending personalised push notifications on an Android newspaper application
- Deployed as a JSON API using Flask

## Education

### Bachelor of Engineering in Information Technology (GPA: 8.83)

Pune, India

SAVITRIBAI PHULE PUNE UNIVERSITY (a.k.a. UNIVERSITY OF PUNE)

Sep. 2015 - June 2019

## Certifications

### Deep Learning - 5 Course Specialization

COURSERA - DEEPLARNING.AI

Nov. 2018

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyper-parameter tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks
- Sequence Models