

# Vishal Tejawani

Software Engineer

Pune, India

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## Profile

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I am a software engineer who loves to make things. I'm experienced in Web and Android development, and I can write clean, efficient, high quality code for these platforms. I love puzzles and challenges. I'm currently working as a lead developer and am responsible for the delivery of a team of 6 Web developers. Apart from Computer Science, I enjoy reading, photography, badminton, trekking, and playing the piano.

## Skills

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### Programming Languages

JavaScript, Java, Python, C, C++

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

### Web Development

Experienced at building interactive Web interfaces with a focus on performance and accessibility

- Proficient in writing semantic **HTML**, maintainable **CSS** (and **SCSS**), and modern **JavaScript**.
- Comfortable at working with modern frontend frameworks like **Ember**, **React**, **Next**, and **Gatsby**.
- Familiar with using backend frameworks like **Express (Node)**, **Django**, and **Flask**.

### Android Development

Comfortable with Android development using Architecture Components

- Comfortable with core Android concepts - **Activities**, **Fragments**, and their lifecycles
- Adept at working using **Architecture Components (ViewModel, LiveData, Data Binding)** and the **Model-View-ViewModel** software design pattern.

### Deep Learning

Familiar with building and training Machine Learning models and Neural Networks using Python

- **Models/Architectures:** Regression and Classification models, Feedforward Neural Networks, Convolutional Neural Networks, Recurrent Neural Networks

### Other Tools/Technologies

Git, GitHub, Jira, Figma, Markdown, Jekyll + GitHub Pages

## Experience

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### Software Engineer at Raja Software Labs

Jun. 2019 - Present

- Lead Web developer on a live website which has over 100 million active users. Managing the overall delivery of a team of 6 Web developers across 2 teams.
- Played a key role in building the Web team from less than 10 developers to 80 developers (~25% of the total business).
- Designed and conducted training sessions and created training materials for resource induction.
- Created automated tools for internal processes (appraisals, hiring, and training). These saved hundreds of hours of the senior management's time.

## Education

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### Bachelor of Engineering in Information Technology

2015 - 2019

Savitribai Phule Pune University

**Major Coursework:** Data Structures, Algorithms, Object Oriented Programming, Database Management Systems, Systems Programming, Machine Learning, Operating Systems

## Certifications

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### Deep Learning Specialization by DeepLearning.AI on Coursera

2018 (125 hours)

A 5 course specialization to learn the fundamentals of Deep Learning. Learnt to build and train neural network architectures like Convolutional Neural Networks and Recurrent Neural Networks using Python and TensorFlow.