

# PRADIP KUMAR MAHARANA

Email: [pradip9102@gmail.com](mailto:pradip9102@gmail.com)

Phone: +919619808301

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## SUMMARY

A Software developer with almost 3 years of professional experience having proficiency in Kotlin and Java with direct involvement in development of two client facing applications from scratch. Also have hands on experience on several cutting edge technologies as Spring Boot, Hibernate, Gradle, Vue, JFrog Artifact Repository, Jenkins, VCS (i.e. GitHub and Subversion), OAuth Authentication etc.

## EXPERIENCE

### **Virbac India, Mumbai — *Software Developer***

AUGUST 2015 - PRESENT

- + Multilingual web applications, RESTful web services
- + Communication using third party APIs (e.g. Twilio, OpenWeatherMap, TinyPNG)
- + Extract data from third party device (i.e. MISFIT) and exposing a set of RESTful web services to synchronize third party device (i.e. SpeedReader)

## INDUSTRIAL PROJECTS

### **e-PERF — *Digitised appraisal system***

Virbac: JUNE 2017 - PRESENT

An important step towards the digitalisation of Human Resources at Virbac group. The collaborative tool allows employees and managers to participate/validate/acknowledge Job descriptions, Objectives and Appraisals.

### **SPEED-READER — *Collect pet's diagnostic details from device***

Virbac: MARCH 2017 - MAY 2017

SpeedReader is a device that generates diagnostic results from blood sample. Project consists of REST web services to synchronize data to centralised server for analysis.

### **MPW-VET — *Support pet owners and manage pet-food packages***

Virbac: APRIL 2016 - DECEMBER 2016

It helps veterinarians to manage their client pets and shipping pet-food packages to their respective pet owners. It is also capable of broadcasting health tips for pets based on different weather conditions.

### **MPW — *Monitor pet's health and activities***

Virbac: OCTOBER 2015 - APRIL 2016

MPW is abbreviation for "My Pet Watcher". Pet owners are the potential users of this application with its reach being global. The main purpose of this application was to provide pet owners an efficient source and easy to use interface for tracking their pet's health conditions continuously.

## ACADEMIC PROJECTS

### **Angle estimation for image restoration — *Final year project***

NIT: 8th SEMESTER

Proposed a novel technique for blur angle estimation using the values of SUMFC of a blurred image. Development and comparison of different algorithms used for detection and restoration using matlab.

### **Object approximator**

NIT: 7th SEMESTER

Identify and draw the outline of the object situated within a specified distance and calculate approximate dimension of the target object.

### **Eye glucose meter**

NIT: 7th SEMESTER

Replicate the functionality of the actual glucose meter, but is based on the fact that “Glucose rotates linearly polarized light”.

## EDUCATION

### **NIT, Raipur — *B.Tech (ET&T) (6.8 CPI)***

JULY 2011 – JULY 2015, Raipur, Chhattisgarh

### **Bharat Mata H S School, Bilaspur — *12th (85.6%)***

APRIL 2008 – MARCH 2010, Bilaspur, Chhattisgarh

### **M B High School, Ganjam — *10th (78.3%)***

APRIL 2007 – MARCH 2008, Ganjam, Odisha

## AWARDS & ACHIEVEMENTS

Managed to lead the team to finale in the Manthan National Competition (Topic: “PROTECTING THE VULNERABLE: Providing social welfare to informal sector workers”).

Secured top position in B-PLAN (Aimed to manifest latent entrepreneurial spirit) in ECLECTIKA'14 annual cul-t-ech festival.