

# Yati Sagade

Software Developer

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## EXPERIENCE

### **Booking.com, Amsterdam** — *Software Developer*

JULY 2015 - PRESENT

I work on the infrastructure and tooling for the paid marketing (PPC) team. Our tools enable the business to change millions of search engine keyword bids every day to optimize paid traffic to Booking.com. I work mostly with Perl, MySQL and bunch of monitoring and alerting technologies.

### **mquotient, Pune** — *Software Developer*

JUNE 2012 - APRIL 2015

At mquotient, I worked on GlyphX, an end-to-end solution for turning handwritten document images like application form scans to queryable, digital data. My responsibilities included the design and development of the realtime document capture module for mobile devices and the distributed processing of image and text data in the backend. I used mainly Python, C++ and Java.

## EDUCATION

### **Netaji Subhash Engineering College, Kolkata** — *B.Tech.*

JULY 2008 - JULY 2012

Computer Science and Engineering, GPA: 8.75 (on a scale of 10.00)

## PROJECTS

### **Aveta** — *An autonomous two wheeled robot* (<https://github.com/yati-sagade/aveta>)

Out of my interest in robots and computer vision, I decided to make a small Raspberry Pi backed robot that can follow a lane autonomously. This is work in progress, and my next goal is to be able to understand the scene in front of the robot to make it go to specific, named objects.

### **Orch** — *An Android app and Emacs minor mode to send images and scribbles from the phone to an orgmode buffer*

The app can be downloaded at <https://play.google.com/store/apps/details?id=io.explog.orch>, and the code with the Emacs mode lives at <https://github.com/yati-sagade/orch>.

## SKILLS

Python, C++, Perl, Java, Rust, Scheme.

MySQL, Redis, PostgreSQL.

Machine learning, computer vision.

## INTERESTS

Computer vision, distributed systems, physics, compilers, electronics, fitness, guitar, Indian classical music.

## WWW

<https://github.com/yati-sagade>  
[yati-sagade.github.io](https://yati-sagade.github.io)

**A library for Numpy ⇌ OpenCV Mat conversion —**  
(<https://github.com/yati-sagade/opencv-ndarray-conversion>)

This is a mildly popular library useful for converting between Python and C++ representations of an image in OpenCV.

**More projects can be found at** <https://github.com/yati-sagade>.