

## ABHAY POAL

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### Summary

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I have won two awards in scientific consulting. I have learned java through online courses and can code a basic app in **java**. Ability to use **github** and use basic services of Amazon web services like amazon dynamodb, amazon cognito. I can work in a team of developers well

### Experience

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#### Director, Founder

**Poal technologies private limited**  
a software technology based startup

September 2014 – December 2016  
Mumbai, India

#### Responsible for

- did coding in java to make a social (website link sharing) app
- worked in android studio ide
- integrated the app with AWS (amazon web services backend)
- used amazon dynamodb for text data storage and amazon s3 for photo storage on AWS along with other aws services: amazon cognito, aws identity and access management, AWS mobile hub
- bootstrapped the startup
- handled both the product development part and finance part of the startup
- did company registration, income tax return filings, roc filings, legal compliance filings, working with CA for auditing of the company, service tax registration and return filings
- did online courses (no certification yet) to learn java programming skills, attended video lectures on udacity.com for courses: - Intro to Java Programming, Material Design for Android Developers, Android Development for Beginners, Developing Android Apps.
- Also made an attempt at crowdfunding site indiegogo to raise some initial funds, uploaded the product idea on the crowdfunding campaign

#### Scientific Consultant

January 2014-January 2015 Independent Mumbai, India

#### Responsible for.....

- participated in many challenges at US based innovation company website innocentive.com and a few other websites, logo design contests.
- won two scientific challenges
- 1. Novel Approaches for Predicting Individual Life Expectancy
- 2. Autonomous Vehicle Sensor Technology
- did research and analysis of the challenge topic and gave a solution to it
- the client was satisfied with my solution and gave me the award
- sold intellectual property rights over the idea to the client through innocentive.com
- transferred royalty-free, perpetual and non-exclusive license over the idea to the client

company registration work  
independent

October 2013 – march 2014  
mumbai, india

#### Responsible for.....

- starting to do paperwork for company registration
- corrected date of birth in pan card registration, and thereafter went for company registration
- used vakilsearch.com legal services for company registration
- did all the relevant paperwork

**Summer project scholar**  
Tata Institute of Fundamental Research

April 2011 – June 2011  
Mumbai, India

Responsible for.....

- used software autodock to do docking studies of Protein Kinase EhC2PK binding to N-terminal domain of calcium-binding protein EhCaBP1 of Entamoeba Histolytica
- entamoeba histolytica is a parasite microorganism causing amoebiasis disease
- did literature overview of the topic
- identification of these proteins is important target for developing novel therapies against amoebiasis
- did the docking and analysing the lowest energy structures
- gave the presentation for the project, with my guide, profes. or appreciating my work

**applying to stanford summer program**  
independent

December 2010 – April 2011  
Mumbai, India

Responsible for.....

- applied to Stanford Graduate School of Business Summer Institute for Entrepreneurship (SIE).
- Filled their online application, wrote essays and obtained letter of recommendation from two iit madras professors
- emailing and calling them to check status of my application
- unfortunately couldn't get through program as they limited people with masters degree only to its stanford students

## Education

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**Indian Institute of Technology, Madras**  
B. Tech + M.Tech ,Dual Degree, Biotechnology  
2005 – 2010

Guru Nanak High School & Jr. College, Bhandup (W), Mumbai  
12<sup>th</sup> std, 2005

Kendriya vidyalaya IIT powai, mumbai  
10<sup>th</sup> std, 2003

## Additional

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- Language competencies: english, hindi, marathi