

Shikhar Agrawal

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Summary

- A Computer Engineer, graduated from MIT, Pune and having experience in developing state-of-the-art projects and leading teams towards success.
- A Fullstack Developer who is Result oriented, self driven, highly motivated, smart and hungry to learn new technologies, methodologies, strategies and processes.

Technical Skills

- | | | | |
|-------|---------------|-------|--------------|
| ★★★★★ | • Python | ★★★★★ | • Java |
| ★★★★☆ | • Spring Boot | ★★★★☆ | • Angular |
| ★★★★☆ | • HTML / CSS | ★★★★☆ | • Django |
| ★★★★☆ | • Ionic | ★★★★☆ | • PostgreSQL |
| ★★★★☆ | • JavaScript | ★★★☆☆ | • C# |
| ★★★☆☆ | • Docker | ★★★☆☆ | • AWS |
| ★★☆☆☆ | • AI/ML | ★★☆☆☆ | • MongoDB |

Work Experience

JUL'18-PRE SOFTWARE DEVELOPER AT CLSA

- Working as a Fullstack developer using technologies python, java (Spring Boot), Angular, C#, etc.
- Worked on multiple projects Simultaneously.
- Contributing in design, development and deployment process.
- Mentored a team of 6 juniors developers to build a hybrid application in Ionic, Spring and GraphQL.

NOV'17-JUN'18 AI DEVELOPER AT ENG PVT. LTD.

- Skills Used: Python, NLP, SQL, MongoDB, Java Spring Boot, Angular
- Developed a full stack application powered by Machine learning. This is a candidate profiling application which searches the best candidate from a pool of resumes for a given job profile.

Projects

JUN'17-MAR'18 FINAL YEAR PROJECT

- Team Size: 3
- Problem Statement: Enabling Nao Robot to Detect Gestures using Image Processing.
- Skills Used: Python, OpenCV, Tensorflow, Computer Vision
- Project Type: Funded by IBM through University Company relations.
- Project Guide: Dr. Mrs. V. Y. Kulkarni (Designation: H.O.D. of Computer Department)
- Demo Link: <https://youtu.be/2XsCI3uW7Tk>

JUN'16-DEC'16 SIGMA - SIGN INTERPRETING GLOVES MORPHING AUDIO

- Role Played: Team Leader (Team Size: 4)
- Skills Used: Arduino, Python, Signal Processing, BlueTooth, Embedded Sensor.
- Wearable gadget that detects gestures performed by humans and sends the data to computer or mobile devices then this data can be used for different purposes such as converting Sign Language into Speech, playing games, 3D modelling.
- Demo Link: <https://youtu.be/ZsoL6cJU1w8>

MAR'17-APR'17 EMOTION DETECTION APPLICATION

- Team Size: 2
- Application that can detect human emotions using live Audio, text and facial expressions. This application was developed as a project for IndiaHacks 2017 Hackathon organised by Hackerearth. We were in the top 15 among 7000 participants.
- Skills Used: Image Processing, Python, OpenCV, Tensorflow, Tkinter
- Demo Link: <https://youtu.be/QGmNIWI8KNU>

Some Notable Work

2016-2017 CHESS PLAYING ROBOT (INDIVIDUAL PROJECT)

- Skills Used: Arduino, Python, Java, AI.
- Visit: <https://github.com/codersshikhar/Chess-Playing-Robot>

JAN'17-APR'17 SMART INDIA HACKATHON'17

- Skills Used: Presentation, Python and ML.
- Visit: <https://shikharagrawal.github.io/>

JUL'18-AUG'18 OFFLINE WALLET AND PAYMENT GATEWAY

- Developed an Android Application similar to Paytm or Tez which has features of offline wallet and B2B transfer and used QR codes and BT technology.
- Demo Link: <https://youtu.be/8GMU6hCpdh8>

JUL'18-DEC'18 ANDROID GAME

- A 2D game inspired from flappy bird.
- Play Store Link: <https://goo.gl/pQZbsG>

FEB'20-JUN'20 CHALLENGE ACCEPTED

- Skills Used: Angular 9, Spring Boot, AWS.
- Link: <https://challengeaccepted.in/>

Training and Certification

C PROGRAMMING

16,SEP'14-
14,NOV'14

Institute : Seed InfoTech
Grade : A+

C++ PROGRAMMING

8,DEC'14-
28,JAN'15

Institute : Seed InfoTech
Grade : B

DIPLOMA IN JAVA

FEB'16-
JUN'16

Institute : Mind Script
Training : IBM Career Education Program
Grade : B

Education

2014-2018

COMPUTER ENGINEERING

Maharashtra Institute of Technology,
Pune (University of Pune)
Aggregate - 64 %

2013-2014

CLASS 12TH CBSE

PCM - 93%
Total - 88.8%

ONLINE PROFILES

- Competitive Coding: <http://hck.re/9XeOLE>
- GitHub: <https://github.com/codersshikhar>
- Online Portfolio : <https://shikharportfolio.web.app>
- LinkedIn: [linkedin.com/in/codersshikhar](https://www.linkedin.com/in/codersshikhar)
- YouTube Channel:
https://www.youtube.com/channel/UCur2TYfXh4MnFJizajX2g_A

ACHIEVEMENTS

- Finalist (Top 15) BrainWave Hackathon By SocGen
- Ranked 13 in Caavo Computer Vision Challenge
- Finalist (Top 15) IndiaHacks 2017 Hackathon
- Finalist in Smart India Hackathon 2017
- SemiFinalist Baroda Finathon 2017 Hackathon
- Ranked Top 50 in HackerEarth Live Challenge - Code Arena (As of 3rd Sept 2017)

Strengths

- Good oral, written & presentation skills
- High tolerance of stress and enjoys responsibilities
- Action-oriented and result-focused
- Lead & work as a team in an organized way
- Good time management skill
- Patient and self aware.