Ishan Joshi

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GitHub Account

EXPERIENCE

Softcorner, Pune — *Internship*

Worked for a Pune based Software solution firm, Softcorner, where I developed a replica of Google Forms, a survey form creator. I used the Python based Django Framework.

EDUCATION

MIT College of Engineering, Pune - BE (IT)

Affiliated to Savitribai Phule Pune University.

2015-2019 (Currently studying in the Third Year, Second Semester)

Aggregate Score (Till Third Year First Semester) - 8.15

Kaveri High School, Pune - HSC

Completed my 12th from Kaveri High School (Junior College). I studied there from July 2013 - March 2015.

Score 76%.

Gurukul, Pune - CBSE

Completed my 10th from Gurukul High School in 2013.

Score - 79%.

PROJECTS

High Risk Pregnancy Analysis and Detection — *CareNX*

Worked for a IIT Powai based startup dealing with Prenatal Care and High Risk Pregnancies.

Task Managing Android App — *MITCOE*

Created a Task Managing App for MITCOE. Code has been made Open source, and can be viewed on GitHub.

SKILLS

Proficient in High level languages such as Python, Java, C++, C and JavaScript. Currently, I am also learning Solidarity, a language used to create smart contracts, developed by Etherium. I have also used C# while developing a virtual environment/simulation in Unity Game Engine.

I have also worked with the Python Based Django Framework, P5.js - a javascript based visual library developed by the Processing Foundation, and Processing - a java based visual library developed by the previously mentioned Processing Foundation. I have also used Node.js and Handlebars in previous projects.

I have also used the Firebase NoSQL database while implementing an Android App. Along with Firebase, I have also used SQLite, MySQL, MongoDB, Postgresql.

AWARDS

Smart India Hackathon - Was the Team Leader for Team Greenify which was awarded the KPIT Inspiration Award in the Smart India Hackathon, 2018.

LANGUAGES

English, Hindi and Marathi.

Autonomous Drone Navigation — *Persistent Systems*

Currently working simulation and virtual environment in Unity Game engine and Android/iOS App developed using React Native for the same project.

Music Sharing Website — *TE Mini Project*

I, along with my Project Partners, have successfully implemented a Music Sharing and Streaming Website using HTML5, CSS3, JavaScript and PHP.

RESEARCH PAPERS

I have authored two papers titled, "Machine Learning Algorithms for the Prognosis of Dementia A Survey" and "Artificial Neural Networks for Kinematic Analysis of Handwriting in Alzheimer's Disease Patients A Survey". The above papers were published in the International Journal of Computer Engineering and Application (IJCEA).

SIDE PROJECTS

I have independently worked on a lot of side projects, such as Prediction of Loan Defaulters, simple Android Apps such as an URL Shortener. All these projects are open source and can be viewed on my GitHub Profile Page. Username - ishanjoshi02

Problem Solving using Game Development Workshop

Conducted a workshop titled "Problem Solving using Game Development", technically sponsored by the Institute of Engineering and Technology,

EXTRACURRICULAR ACTIVITIES

I have shown active participation in MITCOE's Technical Event - Tesla, and, MITCOE's Literature Event - Creon '18. I have also bagged the First Prize in a Quiz Competition organized by MIT Creon'17.

HOBBIES

I love listening to and dissecting Music, mostly, Rock. I also have a great inclination towards reading - both fiction and non-fiction. Along with that, I also enjoy watching Football/Soccer and support the Spanish team, FC Barcelona. I also love developing simple games in P5.js and Processing.

MISCELLANEOUS

IET MITCOE Local Chapter

Currently serving as the Secretary of the IET-MITCOE Local Chapter.