

SHUBHAM GUPTA

Software Engineer

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Indore, M.P

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EXPERIENCE

Software Engineer

Impetus Technologies India Pvt Ltd

July 2019 – Present

Indore, M.P

- Created Flight Search Result(FSR) page for United Airlines Digital Optimization project. Did various optimization to improve the performance and revenue.
- Devised a unique way to perform a/b testing on single page application (react) which made them release independent. Thus reducing the feature release cycle from 44 days to 14 days.
- Created a decentralized gambling platform on top of ethereum blockchain as a POC for a client.
- Took sessions on Blockchain and its applications of around 30 applicants.

Associate Software Engineer

Impetus Technologies India Pvt Ltd

May 2018 – July 2019

Indore, M.P

- Expert knowledge of creation and coding of A/B and Multivariate tests utilizing the Maxymiser platform using JavaScript, JQuery, Html and Css which aggrandized United Airlines revenue by 54 million dollars in last quarter.
- Experience in Agile methodologies using Scrum and Kanban
- Closely worked with BA and clients to understand complex requirements and developed optimized solutions
- Single handily implemented custom library for team to send multiple Google Analytic calls into one HTTP request thus reducing network calls by 95%.
- Took sessions on python and regex of around 45 applicants and playing pivotal role in Python and Blockchain focus groups.

PROJECTS

HandGesture Recognition with Neural Networks

Machine Learning

Dec-2018 - Jan-2019

- An open sourced framework for training neural network with custom hand gestures. Built for developers who don't have machine learning knowledge and want to harness the power of AI [Git-link](#)
- Implemented custom image collector, image flatten, feature extraction, data transformer. Using this library anyone can build a image classification program under 10 lines of code.
- Technologies used: Python, OpenCV, Threading, Neural Networks, Scikit-Learn, computer vision.

TECHINICAL SKILLS

- Javascript (Jquery, ReactJS)
- Python
- Blockchain (Geth, Parity, Solidity, Smart Contracts)
- HTML and CSS
- Google Analytics and Tag Management Systems
- Data Structures
- Git and Github
- Linux
- Machine Learning(Neural Networks, Linear Regression, Logistic Regression, Clustering,)

EDUCATION

B.E. in Information Technology

Chameli Devi School Of Engineering

2014 -2018

Indore, M.P

Class 12, C.B.S.E

Sanmati Hr Sec School

2014

Indore, M.P

Class 10, C.B.S.E

Agarwal Public School

2012

Indore, M.P

AWARDS

Start of the Month

Impetus Technologies India Pvt Ltd

2020

Bright Beginner

Impetus Technologies India Pvt Ltd

2019

Start of the Month

Impetus Technologies India Pvt Ltd

2019

Gold medal in problem solving

Hackerrank

2018

Keyboard Crusher

Typing Club

2018

PROJECTS

Nirvana

Blockchain

📅 May-2019 - Present

- Created an open sourced framework for blockchain infrastructure setup with POW or POA consensus algorithms. Also created plethora of Dapps like Validator Dapp, Temperature Dapp.
- Technologies used: Solidity, Parity, Javascript, ReactJS

Revamp

Python

📅 Feb-2019 - Present

- Designed and Architected an intelligent python program which writes boiler plate code , creates jira stories and creates campaigns on a web optimization tool (oracle maxymiser) from requirement document. Saves 400 hours of work yearly for the team.
- Technologies Used: Python, HTTP Requests, JSON, Text minning, Threading.

NATSU

Image Processing and Arduino

📅 Jan-2018 - Mar-2018

- Developed, Designed and Fabricated a gesture controlled Arduino Bot.
- Technologies Used: OpenCV library for image processing, pyblues for Bluetooth communication between python script and arduino, C++ for Arduino programming [Git-link](#)

Chat Microservice for Vomvos.com

Web Application

📅 June-2018

- Implemented Chat feature for a social networking website called [www.vomvos.com](#) using websockets.
- Techonologies used: Java SpringBoot, Cassandra, STOMP protocol, Message queue , Message Broker.

PUBLICATIONS

📄 Blogs and E-Book

- “JavaScript Function Redefinition.” (2020). In: *Medium*.
- “Data Structures & Algorithms E-Book” (2019). In: *GitHub*.
- “Guardian of all your communication: SSL” (2018). In: *Medium*.

CERTIFICATIONS

1. Blockchain Basics (Coursera)
2. Smart Contracts (Coursera)
3. Decentralized Applications (Coursera)
4. Machine Learning with Python by *Cogantive Classes*
5. Machine Learning (Coursera)
6. Bitcoin and Cryptocurrencies (Coursera)
7. Cryptography I (Coursera)
8. Python for DataScience *Cogantive Classes*
9. Blockchain Essentials *Cogantive Classes*
10. Advanced Google Analytics *Google Acadmey*