SHUBHAM GUPTA

Software Engineer

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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 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 the ethereum blockchain as a POC for a client.
- Took sessions on Blockchain and it's 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 Analytics calls into one HTTP request thus reducing network calls by 95%.
- Took sessions on python and regex of around 45 applicants and playing a 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, feature extraction, data transformer. Using this library anyone can build an 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 Managment 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

Star of the Month

Impetus Technologies India Pvt Ltd

📅 2020

Bright Beginner

Impetus Technologies India Pvt Ltd

📅 2019

Star 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. The package also contains a 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 that writes boilerplate code , creates jira stories and creates campaigns on a web optimization tool (oracle maxymiser) from requirement document. Saves 400 hours of work every year 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++ Git-link

Chat Microservice for Vomvos.com
Web Application
🗓 June-2018

- Implemented Chat feature for a social networking website called ww.vomvos.com using websockets.
- Technologies 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 *Cognative Classes*
9. Blockchain Essentials *Cogantive Classes*
10. Advanced Google Analytics *Google Acadmey*