

# Mohit Chhikara

## Contact

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## EXPERIENCE

### **Independent Freelancer/Developer, - Indie Developer**

August 2019 - PRESENT

- Full-stack web design.
- Content-writing employing the best SEO practices.

### **ISRO Inertial Systems Unit, Trivandrum - Intern, Project Lead**

May 2017 - August 2017

- Designed system modules in VHDL (used for FPGA programming in satellite launch vehicles).
- QA(Quality assurance) and debugging.
- Made receiver transmitter systems like UART etc.

## EDUCATION

### **Birla Institute of Technology and Science, Pilani — BE (Hons)**

August 2015 - May 2019

## PROJECTS

### **Study and Analysis of Metastability in Logic Circuits- Bachelor's Thesis**

January 2019 - May 2019

Successfully detected metastability and further made an attempt at predictive analysis of the same in asynchronous systems.

### **Study of Soft Power (Cultural) Diplomacy**

May 2019 - Sep 2019

## CREATIVES

[Personal Portfolio](#)

[CodePen Profile](#)

[Personal Portfolio2](#)

[https://codepen.io/Mc\\_mc249](https://codepen.io/Mc_mc249)

[Laravel](#)

## SKILLS and EXPERIENCE in:

Front-end web design incorporating responsive UI layouts.

Relational Database management in SQL and server side PHP and Fullstack PHP Laravel.

NoSQL Database management coupled with NodeJS backend.

Content writing and Digital Marketing with experience in SEO.

Data Analysis and Visualization in Python.

System stability analysis and VHDL programming.

Basics of web scraping.

## DETAILS

### Full Stack

- HTML5, CSS
- Javascript, ReactJS, Redux
- NodeJS, Express, PHP
- MongoDB, MySQL

### Data Analytics

- Python, Numpy and Pandas
- Basics of matplotlib

Wrote a thesis after an extensive study of Chinese cultural diplomacy since 1949 (and before) and the effects on popular culture including peeking into the motives of major decisions.

#### **Miscellaneous**

- **Git** for version control
- **C++(OOP)** and **C#**
- **VHDL**
- **Pixel art** in **Photoshop**,  
**Illustrator**

#### **Currently working on**

- **Learning ThreeJS**
- **NodeJs** and **ReactJS**  
**Projects**
- **2 PHP-Laravel** projects