HARSH DALAI (GitHub-https://github.com/harshnsdalai)

Email: harshnsdalai@gmail.com
Mobile: +91-8269347800

EDUCATION

- **NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR** — Raipur
  B. Tech in **INFORMATION TECHNOLOGY** *Aug 2017 – Ongoing (Graduation – May 2021)*
  Current CPI: 7.91 /10.00
- **SRI SANKARA VIDYALAYA** (CBSE) — Bhilai
  Class XII - Percentage: 86%   Class X - CGPA: 10/10 *June 2005 – June 2017*

EXPERIENCE

- **TECHAGNI INFOSYSTEMS** — Work from home
  Full stack web developer INTERN *May 2019 – July 2019*
  - Created a scalable and modular website with responsive UI having over 10,000 lines of code.
  - Developed Integration and Unit Tests with more than 85% code coverage for the application.
  - Quality code written with good Coding Practices (used *PEP8* coding style).
  - Developed a reliable content manager which helped in reducing the client work by more than 60%.
  - Designed many efficient algorithms to automate the website functionalities and make it fast.
  - Deployed it in AWS server with Load Balancers and SSL certificate and designed more than 4 metrics to keep track of traffic, page hits and errors.
  - ***Used Python, Materialize, jQuery, Django, Selenium, Git, JavaScript, CSS and Amazon Web Services.***
- **SAMVID HACKATHON** — Bhilai
  Smart Quiz- A Computerized Adaptive Test platform *2019*
  - Developed an algorithm for quizzes to adjust its difficulty according to the user performance in the runtime.
  - Created a fully functional website within 24 hrs keeping in mind security from SQL injections
  - ***Used PHP, HTML, CSS, MySQL database and Xampp server.***
- **CODEUTSAVA HACKATHON, NIT RAIPUR** — Raipur
  Start-up and Incubation Management Platform *2019*
  - Accomplished efficient Database model and fully functional website by working non-stop 45hrs.
  - Main Features include Room Booking, e-pitching of idea and Admin panel for Incubators to select start-ups.
  - ***Used PHP, Bootstrap, MySQL and Xampp Server***

MAJOR AND MINOR PROJECTS

- **I-Attend – *Python, Django, Bootstrap, OpenCV, TensorFlow, SQLite, VS code IDE*** *Aug 2019*
  Developed an Attendance management website with a team of 3 people in which teacher uploads image of class and attendance is taken from automatically and stored in database. Accomplished an accuracy of 50%.
- **Geek Book – *Python, Django, Bootstrap, Heroku, SQLite, VS code IDE*** *May 2019*
  Created a Blogging website for sharing and commenting about interview experiences.
- **HotFlix – *Python, Django, Bootstrap, Heroku, SQLite, Ajax, JavaScript, Episodate API*** Mar *2019*
  A website which shows all latest American series list and user can login to create their To-watch list and save it.
- **MiniWiki – *PHP, HTML, CSS*** *Nov 2018*
  It is a web scraping website which shows only main definition about the thing which is in the search query (scraped from Wikipedia). 90%-time results are scraped and returned successfully.
- **Code Player –*HTML, CSS, JavaScript*** *Sept 2018*
  An online Code snippet which runs Html, CSS and JavaScript code and display it in output console.

SKILLS

- **Python, C++, JavaScript, PHP, Ajax, Algorithms, OOPS, Data Structures, Django (Web Backend), HTML, CSS, MySQL, PostgreSQL, SQLite, Selenium, Git, REST, Scalable and Clean Coding**.

ACHIEVEMENTS AND LEADERSHIPS

- **2nd prize** among 6 teams of senior developers in workshop by **IAMAI, jointly with MeitY-Govt of India and UASG,**
- **3rd prize** in ML workshop organized by **IEEE, NIT RAIPUR** during year 2018 where about 100 teams participated.
- Max Reached **4 STARS** rating out of 7 STARS in **CODECHEF** online coding platform.
- **Rank 1** in college list at a **CODECHEF long challenge** competition in year 2018 where about 50 participated.
- **Qualified SNACKDOWN Round 1** conducted by CODECHEF.
- Worked in organizing committee of AAVARTAN – Tech Fest of NIT RAIPUR in 2017.
- **4 Gold, 1 silver and 1 bronze Medal** in various Class and State levels in Olympiads such as **NSO, IMO, IOS, IOM.**
- **Certificate of appreciation** from **SMRITI IRANI** after 10Th board result for excellent performance.