PARTH SINGH

FULL STACK ENGINEER

PROFILE

- Software development with commitment to comprehensive knowledge of efficiency
- Leadership, project management and directed to achieve long-term strategic goals and objectives
- Assiduous, result oriented, passionate, time-bound
- Worked with government projects and startups.

SKILLS

- Web, Application and software designing
- Photoshop, Illustrator, Video rendering
- Bootstrap, CSS, SASS, React JS, Ionic
- Django, Javascript, jQuery, Node JS
- C/C++, PHP, Laravel, Java, Python
- MySQL, PostgreSQL, SQLite
- Networking, BIOS, MVC, Unix CUI & GUI
- Computer Vision, Image Processing

CONTACT

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EDUCATION

B.Tech (Bachelor of Technology)
COMPUTER SCIENCE | 2016 - 2020

Swami Rama Himalayan University, Dehradun
- Majors: Data structures and algorithms, web technology, cryptography and network security, artificial intelligence
- **Publication**: Manuscript under review at International Journal of Artificial Intelligence and Soft Computing.
- Oral presentation at Smartcom 2020 (**conference**)

EXPERIENCE

Full Stack Developer
FLUID TOUCH PVT. LTD. | FEB 2023 - PRESENT
- Website development for differents apps of the company
- Few in app features that can be supported through web
- Technologies: HTML, CSS, JavaScript, Android Studio, Kotlin, Python, Django, Java

Project Manager & Sr. Full Stack Developer
PURVIEW DIGITAL (CLIENT - VRD) | APRIL 2022 - FEB 2023
- Developed plans and teams, ensuring the work assignment and alignment with their objectives.
- Analyzed situations and occurrences and provide solutions to ensure company survival and growth.

Project Manager & Sr. Full Stack Developer
VIRTUAL REAL DESIGN | APRIL 2021 - APRIL 2022
- Singlehandedly manage new product developments (wireframing, db design, security audit, testing A and B)
- Manage cross functional teams for optimal project delivery.

Full Stack Developer
ESSEL ENVIRONMENTAL | NOV 2020 - APRIL 2021
- Technologies - Hubspot, Django/Python, Javascript (Core and Frameworks), AWS, unix, SQLite, MySQL.
- Software tools - Slack, Confluence and Jira.

Full Stack Developer (Intern)
ARISEDATA INFOTECH | AUGUST 2019 - AUGUST 2020
- Technologies Used: Node JS, React JS
- Hybrid Application Development Android and iOS

Founder
GEEKPHISHER TECHNOLOGIES | JAN 2019 - AUG 2021
- Developed plans and teams, ensuring the work assignment and alignment with their objectives.
- Analyzed situations and occurrences and provide solutions to ensure company survival and growth.

Full Stack Developer (Internship)
DIGITAL INDIA MEITY NIC | JUNE - JULY 2019
- Designed a hybrid application to facilitate in-house bookings for conferences.
- Built electronics display service to address the activities of the day in real time.
- Worked with Mr. J.P. Gupta **Technical Director** and Dr. A.K. Garg, **Director Innovation and IPR Division**.

PROJECTS

Expense Management System
GEEKPHISHER TECHNOLOGIES| JUNE - JULY 2020

- Technologies Used: Node JS, Android Studio , MySQL
- Manage all the expenses debit, credit.
- Rest APIs written in Node JS for Android connectivity.

Leaf Descry with Ayurveda Facts
BACHELOR THESIS| AUGUST 2019 - JULY 2020

- Detect plant leaf using concept of object detection and to train a machine that will detect the leaf at the real time using machine learning.
- Sanskrit module to deeply recognize Sanskrit words.

Geotagging and Inventory (Application)
FISHERIES DEPARTMENT AND USAC | FEB - MAR 2018

- Performed geotagging of ponds and developed a hybrid portal to add and remove ponds in Uttarakhand
- Designed inventory system to manage aquaculture

AWGP Literature (play store link)
IT DEPT. SHANTIKUNJ | NOV - DEC 2017

- App provides e-copy of the literature (from Shantikunj) with features as Text to Speech conversion, Offline availability etc.

Cognize Programming (link)
TOPCODER | OCT - DEC 2017

- Developed a platform to provide full-fledged course on programing languages (beginner to advanced learner)
- Designed in-app complier and online discussion forum.

YogaFi: Yoga and Fitness (play store link)
SRHU | AUG - OCT 2017

- Android app teaching pranayama, meditation, asanas, home remedies to be healthy naturally inside out, aligning with the values of yogic culture

College Management System
HSST, SRHU DEHRADUN | APRIL - MAY 2017

- Management Panel- registration, course allocation; Admin Panel- monitor faculty and student progress.
- Faculty Panel– attendance, notes, assignment, evaluation; Student Panel– Tracking update & progress.
- Digitize College Campus – Test Run (to be established in other colleges after successful test run

WhatsApp Scheduler
SRHU | MARCH 2019

- Schedule WhatsApp messages to any contact at any time in phonebook.

WORKSHOPS

Cloud Computing
HSST, SRHU DEHRADUN | 5 - 6 MAY 2017

- Linux virtual machine installation setup and pushing and pulling data using cloud foundry.

Internet of Things (IoT)
IIT ROORKEE BY COGNIZANCE | 25 - 26 MAR 2017

- Real World IoT design Constrains, Industrial and commercial building Automation in IoT.
- Interfacings and programming of peripherals and output devices and generating access points using WiFi technology.

Android App Development
IIT DELHI BY ROBOSAPIENS | 21 - 24 OCT 2016

- From installation of the platform to the basic app (text recognition); Music Player (end session project).

NanoGurus Robotics
DSVV BY NEW JERSEY NANOGURUS | JULY - AUGUST 2012

- Robotics NXT programming and NXT BOT Circuit (axle, gears, friction plugs, motors etc.) designing.

AWARDS AND HONORS

- Winner: Code Debugging, Debate Competition; Runner Up: Technical Presentation (Machine Learning and AI).
- President Award Scouts and Guides (S&G); Team Leader S&G (2015)
- Winner: Best presentation design interschool competition (2014), International Yoga Championship (2013)
- House Leader School Team (2013-15).

CERTIFICATIONS

Ethical Hacking
UDEMY| PRESENT

- Wireless attacks, deauth attacks and protecting yourself from the attacks.
- Server side, client side attacks and ways to prevent from these kind of attacks.

Image Processing and Computer Vision
UDEMY| 30 SEPT 2019

- Image Processing, transformation and other operations on image.
- Training Image data, supervised and unsupervised learning.