

SONU KUMAR KEDIA

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Freelancer, Versatile, Web, Apps and software developer with more than 3 years of vivid and progressive experience through a large number of events and social work along with **High Technical and Analytical Skills**. Proven abilities to *manage and lead* along with *highly efficient technical skill and hardworking nature* to make use of the resources to the fullest to create a best outcome.

Languages: English and Hindi

Area of expertise includes:

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| ➤ Full Stack Web Development | ➤ Full Stack Software Development | ➤ Full Stack Android developer |
| ➤ Object Oriented Programming | ➤ Database Management | ➤ User Experience and GUI |
| ➤ Marketing and Management | ➤ Safety and Security Management | ➤ Graphics Designer |
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Projects

- **Dron Digital Services Pvt. Ltd.** : An ERP based start-up in which we implement apps, websites, portals, hardware system according to the need of colleges, schools, Firms. We provide ERP portals like mess, academic, event, gate entry, SRP, T&P portals etc. **Responsibility:** Co-Founder, CTO and Head Developer. (Live Link – <https://www.dron.limited> , Email: services@dron.limited)
 - **Advitiya 2017,2018 IIT Ropar**: It is the annual technical fest of IIT Ropar, In those years more than 80 colleges with more than 1800 students had registered for different events, all the registration, detailing and mailing conducts through its website. **Responsibility:** Only-backend Developer (2017), Full Stack Developer (2018). (Live Link – <http://www.advitiya.in>)
 - **Railway Ticket Reservation & Management System**: A C Application to manage entire railways reservation system. **Features** – Book ticket of 7 days, View schedule and set availability, Base-26 encrypted data storage with file-handling, Admin with password can access to ticket details, alter and append trains' details.
 - **Student Affairs Website, IIT Ropar**: Website contains the entire event schedule and information, galleries, contacts details of cultural, sports, hostel, technology affairs. **Responsibility:** Full Stack Developer. (Live Link – <http://www.iitrpr.ac.in/student-affairs>)
 - **URBIFY**: A website developed during Hackathon event with the entire important features that rural areas need like hangout with doctors, emergency contacts, train-bus schedules, e-education, online-ads, news, event calendar, buy-sell services and products.
 - **Complaint Forum, IIT Ropar**: Website of IIT Ropar, which works with Google api which allows only IIT Ropar student to submit their complain, admin can respond and other people can up vote to the complaint. **Responsibility:** Only-backend Developer
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Technical Skills

- **Proficient:** C++, Java, Python, HTML5, CSS, JavaScript, Ajax, Php, MySQL, MongoDB, NoSQL, XML.
 - **Frameworks:** JQuery, Node.js, AngularJS, Bootstrap, ReactJS, Django.
 - **Other Technology:** Git, Github, Matlab, Android Studio, Chrome extension development.
 - **Software:** Photoshop, MS Excel, MS PowerPoint, IntelliJ Idea, After-Effect, Solid-works.
 - **OS:** Windows, Ubuntu.
 - **Mechanical Workshop:** Welding, Milling, Lathing, Wood-works, Facing-Fitting.
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Internship Experience

- **Electromagnetic Linear Accelerator**: An intern in 1st year and designed a gun which is neither explosive nor propellant, but rather rely on electromagnetic forces generated with high current to impart a very high kinetic energy to a projectile. (**Guide:** Dr. Srikant S. Padhee, Assistant Professor, IIT Ropar). (**Duration:** May 2017-June 2017)
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Achievements and Managements Skills

- Currently **Director and CTO** of my start-up **Dron Digital Services Pvt. Ltd.** managing and developing all the technical features.
 - Achieved **1st rank in National Science Quiz 2014** among 32,000 schools held in 4 stages all over India, which is organized every year by Vidya Bharti Foundation.
 - **Core Team Member** in Advitiya 2017,2018 IIT Ropar in Web and App Development
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Education

Indian Institute of Technology Ropar, Rupnagar, Punjab, India – 140001 (2016 – 2020[Expected])

Third Year, B. tech in *Mechanical Engineering*

CGPA: --- (on Scale of 10 [Till 4th Semester]).

Courses-Undergone: Introduction to Computing and Data structure, Operations Research, Management and Marketing, Advanced Calculus, Ordinary Differential Equations, Energy Science and Technology, Production Design and Realization, Linear Algebra, Professional communication in English, Introduction to Philosophy.

Know more about me: <https://sonukedia55.github.io>