Sonu Kumar Kedia

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Freelancer, Versatile, Web, Apps and software developer with more than 2 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:

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

Projects

- **Dron Digital Services:** My start-up in which we implement apps, websites, portals, hardware system according to the need of colleges. We provide ERP portals like mess, academic, event management, CRP, SRP, T&P portals etc. **Responsibility: Co-Founder, VP Technology and Head Developer.** (Live Link – https://www.dron.limited)
- **Student Affairs Website, IIT Ropar:** Website contains the entire event schedule and information, galleries, contacts details of cultural, sports, hostel, technology affairs. **Responsibility**: Only-Developer. (Live Link – http://www.iitrpr.ac.in/student-affairs)
- **Advitiya 2017, IIT Ropar:** It is the annual technical fest of IIT Ropar, In that year more than 60 colleges with more than 800 students had registered for different events, all the registration, detailing and mailing conducts through its website. **Responsibility**: Only-backend Developer. (Live Link – http://www.advitiya.in)
- **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
- **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.
- **Railway Ticket Reservation & Management System:** C program 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.

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.

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)

Achievements and Managements Skills

- Currently **director** of my start-up **Dron Digital Services**, 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.
- Achieved **Top 4th position in the Hackathon** event in Advitiya 2017, IIT Ropar among 19 colleges.
- **Core Team Member** in Advitiya 2017, IIT Ropar in Web Development

Education

Indian Institute of Technology Ropar, Rupnagar, Punjab, India – 140001 *(2016 – 2020[Expected])*
Second Year, B. tech in *Mechanical Engineering*
CGPA: 6.25 (on Scale of 10 [Till 2th 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