KESHAV SETHI

Course : **M.Sc. (Hons.)**, Economics and **B.E. (Hons.)**, Electrical & Electronics, 2022
Email : f20170657@pilani.bits-pilani.ac.in
Mobile : 7015557612
CGPA : 8.17

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	OSDAV Public School	Central Board of Secondary Education (CBSE)	94.2 %	2017
CLASS X	OSDAV Public School	Central Board of Secondary Education (CBSE)	10 CGPA	2015

Subjects / Electives	Object Oriented Programming, Computer Programming, Operating system, Microelectronics circuits, Microprocessor & Interfacing, Digital Design, Probability & Statistics, Applied Econometrics, Electronic Devices
Technical Proficiency	JavaScript, Ruby on Rails, Finance, Python, Angular, React.js, SQL, C++, Microelectronics, Django

SUMMER INTERNSHIP / WORK EXPERIENCE

Software Developer, Google Summer of Code 2020, Public Lab (DIAL)   May 2020 - Sep 2020
- Designed and developed Spam Management Dashboard which is used by all the moderators and admins at Public Lab.
- **Ruby on Rails**, **JavaScript**, etc are used to develop this project.
- This consists of core features like Bulk moderation, Daily/weekly digest, automatic tagging of posts, advanced tables, flagged comments/posts review, queue review, moderation rules revisions, and other relevant information, finding old inactive accounts/spam, and Insight section.
- Contributed around *30+ Pull requests* and contributed *3000+ lines* of code in various repositories of Public lab.

Software Developer, Sun Mobility   May 2019 - Jul 2019
- Worked under the smart network team and improved their major battery management software which is CNC and CNCv2.
- **Angular** and **javascript** are used to build this software.
- CNC is used by all the staff members to monitor real-time location, conditions, and faults in the battery.

Software Developer, Medsupervision Pvt. Ltd   Aug 2020 - Present
- Integrated payment gateway, online pharmacy and admin portal-Link.
- **React** is used for frontend Development and UI enhancement.

PROJECTS

Tsunami Prediction and Alert Mechanism - Software Development   Feb 2019 - Mar 2019
- Geofencing is used to predict tsunami and data is collected from USGS API. It alerts users who are in danger zone through SMS.
- **Django and Javascript** are used to build this application.
- Classified users based on their safety and accordingly heatmaps are created

Prediction of foreign firm ownership and globalisation - Econometrics   Jan 2020 - May 2020
- Researched foreign ownership of firms and globalization under Prof Nvm Rao of Economics Department.
- Data 300+ of companies is collected and results were Analysed with various **python** libraries like NumPy, pandas, matplotlib, etc

IoT in Healthcare - IoT and Software Development   Oct 2020 - Nov 2020
- Integrated oximeter, DHT, etc Sensors with Arduino and Firebase for analysis and alerting the user.
- Used react js, firebase, and other JS libraries for plotting, alerting, hosting, and analyzing data.

POSITION OF RESPONSIBILITY

Technical Assistant - Practice School Division, BITS Pilani   May 2020 - Jul 2020

Joint Apogee Coordinator - Economics And Finance Association, BITS Pilani   Aug 2019 - May 2020

AWARDS AND RECOGNITIONS

Smart India Hackathon 2019 | MHRD, Govt. of India   Mar 2019
- Secured the **first position** in SIH 2019 under the department MSME and awarded 1 Lakh rupees.
- Around 100K+ technical students, 3000+ technical institutions, 200+ organizations participated from across India.

COMPETITIONS

ASEAN India Hackathon, 2021   Feb, 2021
- Candidates were selected from various south Asian countries and my team worked on the category of Oil spill prediction.
- ML model with LSTM and anomaly detection mechanism along with JavaScript and Flask for web integration were used.

EU VS VIRUS, EUROPEAN COMMISSION   May, 2020
- Secured *second position* in the Real-time Communication and Prevention challenge organized by the European Innovation Council.
- CoviFight is a solution to trace and contain the COVID-19 spread and alert users by advanced contact tracing methodology.