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**ELECTRONICS & ELEC. COMM.ENGG. (B.Tech)**

## EDUCATION

| Year | Degree/Exam | Institute |
|------|-------------|-----------|
| 2021 | B.TECH | IIT Kharagpur |
| 2016 | All India Senior School Certificate Examination | St.Karen's High School,Gola Road,Patna,Bihar 801503 |
| 2014 | All India Secondary School Examination | Himalayan Public School,Bata,Digha,Patna,Bihar 800018 |

## SKILLS AND EXPERTISE

**Programming Languages**: C, C++, C#, Python, React, SQL, JavaScript, CSS, HTML |**Deep Learning Frameworks**: Tensorflow, Pytorch, Keras|**Libraries/Tools**: Numpy, MatplotLib, Pandas, OpenCV, Scikit Learn |**Platforms**: Ubuntu, Windows

## WORK EXPERIENCE

### Software Developer at RamSoft,Inc Banglore |May 2022 – Present
•Full Stack Development using **React**, **JavaScript, Html,  ASP.NET , C#** to design and develop Medical Imaging Software solution.
• Developed Responsive Web Application which is suitable for both DeskTop & Mobile.
•Used **React framework** for frontend Development.
•Used **C-Sharp.Net** framework, **SQL** DataBase, **Cosmos** DataBase for Backend Development.

### Software Developer at E-Ring,Inc Hyderabad | June 2021 – April 2022
•Full Stack Development using **ASP.NET , C#,** and **JavaScript** to design and develop software related to Taxation (land and buildings) used for several county in USA.
• Developed and maintained whole collection module of Capture, a product used for property tax administration for US County.
• Used **C-Sharp.Net** framework and SQL server Management (SSMS)as database.Development of web forms for Client-Server Interaction using **HTML, CSS, JavaScript**.
• Created various tables and interdependencies as per requirement and used triggers, indexes, functions, stored procedures etc to perform crud operations. Optimized various store procedures to minimize the execution time of the query.
• Worked on deployment of various report page, detail page and add/ update pages, creating corresponding **sql** query, **LINQ** and **DAL** methods. Converted **C sharp** gridview to devexpress gridview for ease a usability to customers.
• Created and maintained API's to ensure seamless operation.
• Automated single, multi print pages functionality which fetches data from Db using view.

### Summer Intern at InsAnalytics, Kolkata | April 2020-June 2020 | Data Analytics Intern
•Data Analysis and **Mathematical Modelling** of Pandemic due to Covid-19.
•Tried to study the behavior of Corona virus for infections, deaths, recoveries for cumulative and daily cases by fitting various mathematical models like **Gaussian Polynomial**, exponential and logarithmic using MS Excel for 30 countries & their 2 most affected states.
•Studied the mathematics behind **SIR**, **SEIRS models** of epidemiology to predict the future spreading of the viral infection.
•Studied the effect of Lockdown in virus spreading and till when should Lockdown extend.

### Summer Intern  at Jiffy.ai(Option3.io), Bangalore | May2019-July2019 | Machine Learning Intern
•Due to lack of data ,prepared datasets for training and test data.
•With the help of Deep Learning ,trained that datasets to build models which can read Handwritten scripts(Digits and Numbers) from given Handwritten Bank forms or any other HandWritten Documents written in Blocks and had to extract name, account number, adhar number, address, date from the Form. Used libraries **OpenCV**, **Numpy**, **Pandas**, **Matplotlib** and models **CNN,MLP** with the help of framework **Tensorflow**  & **Keras**.

## COURSEWORK INFORMATION

Data Analytics | Machine Learning | Deep Learning | Natural Language Processing | Programming & Data Structure | Probability & Stochastic Process | Matrix Algebra | Machine Intelligence &Expert System | Digital Image Processing | Object Orientation Programming System | Operating System | Introduction to Human Behaviour in Organisation