ANSHUMAN SINGH

Full Stack - Engineer, HealthPlix Technologies | BITS Pilani ENI'22

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SCHOLASTIC ACHIEVEMENTS

- Secured an **AIR** of **8358** in IIT - Joint Entrance Exam Mains, 2018 from among 1.2 million candidates
- Selected for Kishore Vaigyanik Protsahan Yojana Scholarship (KVPY) 2018 by securing an **AIR** of **900**
- Selected as one of the top 1000 candidates in UP Science Talent Search Examination and received a scholarship of **INR 48,000**
- **National Top 1%** in **National Standard Examinations(NSEs)** in **Physics**, **Chemistry** and **Astronomy** 2017-18 organised by **Indian Association of Physics Teachers (IAPT)** and appeared for **INPhO**, **INChO** and **INAO** (respective next stages)
- Awarded Max New York Life Igenius Scholarship 2010 and received a scholarship amount of **INR 3000** as a reward for exceptional performance in extracurricular pursuits.

WORK EXPERIENCE

Full Stack - Engineer   *Bengaluru*
HealthPlix Technologies   July'22 - Present

- Collaborated with a team to develop and maintain an in-house reusable UI-elements library using ReactJS, TypeScript, Tailwind CSS and HTML.
- Contributed to the creation and enhancement of the latest version of the flagship product, the electronic medical record.
- Participated in code reviews and provided constructive feedback to improve the overall codebase.
- Worked closely with cross-functional teams, including designers and backend developers, to ensure seamless integration and a smooth user experience.
- Proactively identified and resolved technical issues, ensuring optimal performance and user satisfaction.

Data Science Intern   *Mumbai*
Aramex India Pvt Ltd   Aug'21 - Jan'22

- Improved last mile performance in Bahrain by enhancing address information extraction logic.
- Developed and trained a model to map delivery point addresses in Bahrain using block numbers and road numbers.
- Conducted data analysis, pre-processing, and feature engineering for reliable results.
- Increased accuracy of the trained model from 90% to 99%.
- Integrated data science solutions with existing systems, collaborating with software engineers and operations teams.
- Demonstrated exceptional performance and contributions, leading to an offer for a full-time role with Aramex India Pvt Ltd.

Electrical Automation Engineer Trainee   *Mysore*
RMJ Automation & Training - Industrial Control & Automation   May'20 - Jun'20

- Gained hands-on experience with Citect SCADA by Schneider Electric.
- Conducted simulations to identify and troubleshoot faults in the feeder line.
- Assisted in analyzing data and diagnosing issues to ensure efficient and reliable operation.
- Demonstrated a strong understanding of SCADA systems and their applications in industrial control and automation.
- Actively participated in training sessions and workshops to enhance technical knowledge and skills.
- Collaborated with the team to implement solutions and improve system performance.

EDUCATIONAL QUALIFICATIONS

B.E, Electronics and Instrumentation Engineering   *7.47/10.0*
Birla Institute of Technology and Science, Pilani   2022

Class 12th– ISC Board   *90.33%*
City Montessori School, Lucknow   2018

Class 10th– ICSE Board   *95%*
Seth M.R. Jaipuria School, Lucknow   2016

SELECTED PROJECTS

One Shot Fingerprint Singular-Point Detector
Mentor: Prof. Kamlesh Tiwari   Mar'22 - May'22

Architecture Image Matching
Mentor: Prof. Kamlesh Tiwari   Mar'22 - May'22

To build a multi-class classifier for Fake News Detection on the LIAR-PLUS dataset
Mentor: Prof. Surekha Bhanot   Mar'22 - May'22

Design and Analysis of Temperature Control System using Conventional PI and Advanced ANN Controllers
Mentor: Prof. Puneet Mishra   Jan'20 - July'20

A Closer Look at Spatiotemporal Convolutions for Action Recognition
Mentor: Prof. Surekha Bhanot   Mar'20 - May'20

SKILLS

Programming Languages: C++, C, Python, MATLAB, Java, SQL, LaTeX
Libraries and Tools: ReactJS, CSS, HTML, PyTorch, NumPy, Pandas, Tensorflow, Keras, OpenCV, Git, Fusion 360

RELEVANT COURSES

Neural Network and Fuzzy Logic | Discrete Mathematics | Data Structures and Algorithms | Probability and Statistics | Introduction to Machine Learning | Digital Image Processing | Signals and System | Linear Algebra and Ordinary Differential Equations | Real Analysis and Multivariate Calculus | Partial Differential Equations | Deep Learning Specialization* | Internet of Things* | Cyber Security* Machine Learning* | Introduction to Data Science in Python*| Python Specialization*

*: Coursera

INTERESTS

Badminton | Football | Reading Novels | Sketching