SHOAIB SHAMA

📞 +91-9354449188   ✉ shoiab.200@gmail.com   in ShoaibShama

Education

Delhi Technological University (Formerly Delhi College of Engineering)   **New Delhi, India**
Bachelor of Technology (B.Tech) - Computer Engineering; CGPA: 9.09/10.0   *Dec 2020 - Jun 2024*

Technical Skills

Languages	: C, C#, C++, Python, Java,
Databases	: MySQL, MongoDB, Microsoft SQL Server
Tools	: Git & GitHub, Unix/Linux, Windows
Machine Learning	: Pytoch, Tensorflow, Transformers, Reinforcement Learning, Deep Learning, RLHF
Web Technology	: Node.js, Express.js, JavaScript, CSS, MongoDB, TypeScript, MERN stack

Academic Achievements And Extracurricular

- **Meta Global Coding Challenge 2022 – All India Rank 1, Asia Pacific (APAC) Rank 3, Global Rank 7**
Awarded World's Best Quizzer for scoring highest points in Coding Challenge, Linux Challenge, Bug Challenge. Our idea got maximum votes in Asia in Product Thinking Challenge (Hackathon)
- **EY Data Science Challenge – All India Rank 1, Regional Rank 1**
Built an ensemble of Resnet, Faster-RCNN, YOLO, Vision Transformer for Object Detection on Multi class objects achieving a mAP (Mean Average Performance) of 0.34. Improvised the previous ML model using Vision transformer which in turn increased the MAP score to 0.35 which was the highest in the country
- **IMC Trading Challenge 2024 – All India Rank 5**
Achieved this rank among 15000 quantitive researchers and scholars across the globe.
- **Google Career Connect 2022**
Won the 1st prize in the quiz conducted by google in this program. Selected among 100 students in India to attend engaging workshops to build your resume, practice your interviewing skills, network with Googlers, and learn more about our programs in google
- **United Nations Millennium Fellow**
Distinguished for being the Emerging Technologist of the year 2024 among 44k+ students globally (about 9%) for my contribution towards sustainable development. skills, network with Googlers, and learn more about our programs in google

Work Experience

Cult.fit(Curefit)   **Bangalore, Karnataka, India**
Software Engineer   *July 2024 - Present*

- Improving Curefit internal ticketing platform Wooster using SpringBoot, JavaScript as to increase its efficiency and efficacy by 25% which would induce a faster issue reporting and resolvements.
- Successfully negotiated and integrated the 75F APAC system with Curefit's internal backend, resulting in annual cost savings of 3.5 Million USD while ensuring high-quality implementation and seamless operations.

Sprinklr   **Gurugram, Haryana, India**
Software Engineering Intern   *May 2023 - July 2023*

- Build Customer Effort Score model using Reinforcemnt Learning with Human Feedback(RLHF), Transformers and Pytorch to increase the customer issue resolution by 60% which in turn would increase the customer loyalty for a company by 94%, which induce an increased revenue by 30%.
- Conducted feature engineering using python, numpy, pandas to extract relevant customer interaction and build robust data pipeline as to prepare dataset for training the Deep Learning model for CES.
- Invented and Induced formula to calculate CES by experimenting with an accurate score of about 92%.
- Implemented the whole CES model with multi-Task learning Transformers as the improvised version of previously implemented model.

Projects

Event Wave – Full Stack Event Platform: Next.js 14 — TypeScript — Tailwind CSS — MongoDB — Stripe
- Efficiently utilized MongoDB for data storage, facilitating real-time updates and responsiveness in a scalable environment
- Integrated RESTful APIs to enhance user interactions and streamline data flow, creating a modern and efficient organization platform

CT Scan (X-Ray) Based Covid 19 Virus Detector: Python — Pytorch
- Implemented and successfully tested the code by MIT as part of my course frame Modelling and Simulation to develop a quick way to detect the covid 2019 (Coronavirus 2019/2020, also called disease: "Covid-19" stemming from virus: "SARS-CoV-2") strain, and as such artificial neural networks were used to develop systems in line with the initial aim.
- convolutional neural network architecture was trained on CT-Scan image data (that many Covid19 papers seem to concern) to identify the phenemonia among the patient.