Saurabh Kumar

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EDUCATION

International Institute of Information Technology — Hyderabad, India
M.Tech. Computer Science and Information Security | CGPA: — *July 2024 – Expected 2026*

Cluster Innovation Centre, University of Delhi — New Delhi, India
B.Tech. Information Technology and Mathematical Innovations | CGPA: 9.01 — *August 2020 – July 2024*

EXPERIENCE

MITACS Globalink Research Intern — June 2023- August 2023
Research Intern — *Edmonton, Canada*
- Worked under Prof. Qing Tan as a MITACS intern on the development and smooth operation of DoctorsonHand, an online telemedicine platform, focusing on streamlining user interfaces and refining back-end processes.
- Developed mFieldtrip an open mobile application that is used for a self-guided field course in physical geography.
- Upgraded the mFieldtrip mobile application with innovative features - integrating OCR, deploying data analytics, and incorporating field tools, to enhance the educational function and user engagement of the app.

SparkTG Info Pvt. Ltd. — June 2022- July 2022
Flutter Developer Intern — *Hybrid*
- Developed 3 cross platform application.
- Implemented REST APIs in the application
- Worked on the improvement of the UI for better customer experience.
- Worked with real time data .

Impactional Games — September 2021 - November 2021
Flutter Engineer Intern — *Remote*
- Designed the entire frontend of the multi-game platform using material design UI in flutter SDK .
- Implemented login authentication system using firebase .
- Designed the AI of the offline chess app using the alpha-beta pruning Algorithm.

PROJECTS

Product Review Analyzer | *Python, Flask* — August 2023
- Developed a Flask application utilizing BeautifulSoup for scraping Amazon reviews and TextBlob for sentiment analysis
- Categorized reviews into sentiment levels for enhanced comprehension of customer opinions on Amazon products
- Presented results through user-friendly pie charts and tables, aiding in actionable insights for market analysis

Oblivion | *Flutter, Dart, Figma , Android Studio, Git* — April 2022
- Design and Developed a mobile application having 2 games using the Flutter Framework
- About - The game consists of a 5 by 5 grid of lights. Pressing any of the lights will toggle it and the adjacent lights. The goal of the puzzle is to switch all the lights off, preferably in as few button presses as possible.and the other game is a physics motion visualizer
- Used Figma and Mero for designing and wireframing the app

Online Physics Lab | *HTML, CSS , Javascript, Git* — August 2021
- Developed an Online Physics Lab using HTML , CSS , Javascript , Bootstrap to aid students in doing physics experiment using Online medium in lockdown time
- The app features various physics that the student can perform at their home durinig the covid lockdown

TECHNICAL SKILLS

Languages: Python, C/C++, Dart
Frameworks: Flutter , OpenCV , Linux, Android , Material-UI
Developer Tools: Git, Docker, Firebase , Mathematica
Other Skills : Figma , UI/UX , Teamwork , Communication

AWARDS AND ACHIEVEMENTS

- Qualified JEE MAIN and ADVANCED
- Qualified GATE CSE & DA (2024) with 98.33% and 93.279% Percentile respectively.