

REVAN SOMSHEKHAR CHONNAD

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ACADEMIC QUALIFICATION

Bachelor of Engineering in Computer Science and Engineering, KLS Gogte Institute of Technology, Visvesvaraya Technological University, Belgaum, **CGPA: 8.62/10.** **Aug 2019 - Jun 2023**

ACADEMIC PROJECTS

Title: Classroom Plus **Dec 2022 – Feb 2023**

Team size: 4

Objective: To simplify coding and file type assignment management through a user-friendly learning platform system

- Streamlined assignment creation, distribution, and grading, including a code editor for coding questions
- Implemented a “waiting room” feature to enhance security, authenticating student access
- Introduced private student enrollment links to classrooms

Title: DUCTS - Dual Use Chemical Tracking System

Mar 2022

Team size: 4

Objective: To create a secure supply chain management system for dual-use chemicals using Ethereum Blockchain and data visualization tools

- Automatic execution of transactions upon QR code scanning
- QR codes were linked to drug entries at various supply chain locations

Title: Traffic Sign Detection

Nov 2021

Team size: 2

Objective: To detect traffic signs and recognise them using Convolutional Neural Networks (CNN) and YOLO v3

- Classified traffic signs into four primary categories: mandatory, prohibitory, dangerous, and others
- Further categorized into 42 subcategories
- Key features of the system encompass the real-time detection and classification of traffic signs into the four primary categories, with the added functionality of providing voice alerts to users for immediate and informative responses

INTERNSHIPS

Reputes Marketing Solutions, Belagavi

Aug 2022 - Sep 2022

- Performed data analysis on e-commerce datasets and collaborated on projects
- Generated reports for local businesses in Belgaum, including Vega Helmets
- Assisted the data analyst in conducting fundamental data analysis tasks and also learned the basics of web development

IIT Kanpur Techkriti 21, Belagavi

Sep 2021 - Oct 2021

- Trained in Python, Machine Learning, and Image Processing
- Developed a road safety system using CNN and YOLO v3, categorizing traffic signs into primary groups and 42 subcategories
- The system provided real-time sign detection and voice alerts for enhanced safety

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, Python, Solidity
- Web Development: HTML, CSS, JavaScript
- Frameworks/Libraries: ReactJS, NodeJS, FastAPI, Redux, Tkinter, NumPy, OpenCV
- Databases: MySQL, SQLite

CERTIFICATIONS

- "Live Full Stack Open Source Cohort", 100xdevs **Oct 2023**
- "Data Science for Engineers" course, IIT Madras, through NPTEL government platform **Mar 2022**
- "General Course on Intellectual Property", WIPO Academy **Nov 2021**

AWARDS AND ACHIEVEMENTS

- Awarded 'Best Innovative Project' for the project 'Classroom Plus', at the 'Project Expo-2023' KLS Gogte Institute of Technology **May 2023**
- Won college-level Smart India Hackathon for 'DUCTS - Dual Use Chemicals Tracking System' **Mar 2022**
- Presented a startup concept on agricultural solutions at the Deshpande Startups Ideathon; Our idea garnered recognition, securing a position among the top six groups **Jan 2022**

EXTRACURRICULAR ACTIVITIES

- Vice President, Leo Club of Belgaum **Jul 2023 - Present**
- Member, Rotaract Club of GIT **Oct 2019 - Jul 2023**
- Volunteer, Changemakers Society, KLS GIT Belgaum **Oct 2022**
- Participant, tree planting events, Green Saviours, Belagavi, and The RISE club **Apr 2022**