Soham Korade

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TECHNICAL SKILLS

C, C++, Python, Flutter/Dart, SQL, HTML, CSS, JavaScript, Arduino, PHP, VB.NET, VB6

Familiar with Git, LaTeX, MIDI, Ncurses, GTK, Flask, Bootstrap, jQuery, OneM2M, MQTT

EDUCATION

International Institute of Information Technology, Hyderabad, Telangana

NOV 2021 - PRESENT

- B.Tech in Computer Science and Engineering

Jawahar Navodaya Vidyalaya, Udupi, Karnataka

JUN 2019 - MAR 2021

- Class XII: 97%
- Chess Nationals in Class XI

Jawahar Navodaya Vidyalaya, Belagavi, Karnataka

JUL 2014 - MAR 2019

- Class X: 95.4%
- Chess Nationals in Class X
- Regional Science Congress in Class IX
- Scouts and Guides since Class VIII

PROJECTS

Chess Engine - *C++, GTK*

JUN 2022 - OCT 2022

Developed from scratch, uses α-β pruning, late-move reduction. GUI. Live bot at LiChess. Used OOPs.

Markov Bot - *Python, Flask*

DEC 2022

A chatbot that uses markov chains trained on WhatsApp chat logs to generate responses. Used Flask to serve the web interface.

DeMOSS - *HTML, CSS, JavaScript*

JUL 2022

Used Tree-sitter to parse the source code and suggest refactorings to evade MOSS. Live here.

CyberChat - *HTML, CSS, JavaScript*

SEP 2020

A chatbot designed to answer queries regarding cyber security. Live [here](#).

Mess Menu Helper - *HTML, CSS, JavaScript*

MAR 2022

A searchable web-version of the mess menu. Live [here](#).

KBC Game - *Python, SQL, GUI*

DEC 2020 - JAN 2021

Kaun Banega Crorepati style quiz game with full-fledged GUI and sound effects, used MySQL for database

Swar Composer - *VB.NET*

JUN 2019 - SEP 2019

Composition software for Hindustani Classical Music, uses Swarlipi notation, MIDI for playback/input, Tabla accompaniment, Raag Database and detection of Raags using N-grams

Top Racer - *VB6*

OCT 2017 - APR 2018

Car racing game inspired by Subway Surfers. High scores, Powerups, Car Showroom.

INTERESTS

Data analysis, Languages, Music, Chess