


MOHNISH SHRI HARI B

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EDUCATION

Vellore Institute Of Technology, Chennai
B.Tech. Computer Science (Spl. AI and Robotics)

June 2026
Current CGPA: 9.21/10

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Computer Architecture, Operating Systems, Database Management, Engineering Mathematics

SKILLS

Languages: C/C++, Python, Java, JavaScript, LATEX
Tools: Git/GitHub, VS Code, Atom
Web Development framework: Django, React, HTML, JQuery, CSS

PROJECTS

- Carbon** | *Flutter, Dart, Supabase, APIs (INRIX, Google Maps), Git, Unix Shell, VS Code* Nov. 2023
- Team project for the INRIX Hack 2023 Hackathon, earned Honorable Mention
 - Developed a social media mobile app to gamify eco-friendliness using the INRIX API
 - Learned how to use Flutter in conjunction with backend databases and APIs
- ChatBuzz** | *TypeScript, HTML/CSS, Webpack, API (Twitch), Git, Unix Shell, VS Code* May 2023 – Present
- Developed a full-stack web application for Twitch livestreamers to display repeated chat messages on OBS
 - Experimented with Twitch API's OAuth Access Tokens to get chat data from the given channel
 - Collaborated with livestreamers to get feedback and suggested features
 - Solved problems relating to asynchronous tasks
- FoodDropper** | *Java, Maven, API (Spigot), Git, IntelliJ IDEA* Aug. 2022
- Developed a Minecraft server plugin to limit players to one way of replenishing their hunger bar
 - Used persistent data containers to save and load data, ensuring that it persists across plugin resets
 - Optimized UX e.g. sound design, food drop timing, supplied saturation level, and addressed potential workarounds

EXPERIENCE

- Competitive Programming Club** | *Member* Sept. 2023 – Present
- Involved in the club centered around Competitive Programming
- Apex Tutoring** | *Tutor* 2019 – Present
- Routinely tutor K–12 students in math, coding, etc.
- Luigi Team Charity** | *Volunteer, Manager* 2018 – Present
- Earned an award for philanthropic hours spent, still giving away 100 stocked backpacks a year

HOBBIES

- Playing the Drums** 2013 – 2019
- Played the drums in symphonic, jazz, and marching bands
- 3rd Place Time Keeping Challenge Championship (Time Keeping Association)** Feb. 2022 – May 2022
- Won \$1500 nationally competing against high school students in counting seconds and minutes