

LAVANYA L B

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• https://github.com/Lavanya-LB/gech_lavanyalb_2025.git.

SUMMARY

Aspiring Computer Science Engineer passionate about **full-stack development, and cloud-based applications**. Skilled in **JAVA, Django, Bootsrape, C, GitHub, Power BI** and database management. Eager to build **scalable and efficient solutions** leveraging modern technologies. Seeking an opportunity to contribute to innovative products and enhance my technical expertise.

SKILLS

- **Programming:** Java, C.
 - **Frameworks:** Django, Bootstrap,
 - **Web Development:** HTML, CSS, JS
 - **Database Management:** MySQL, [lavanya.resume.docx](#)
 - **Cloud & Tools:** Git, GitHub.
 - **Soft Skills:** Communication, Leadership, Time Management
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EDUCATION

Bachelor of Engineering - Computer Science and Engineering

Government Engineering College, Hassan (2021-2025)

Government Junior College, Hassan (2017-2021) –PUC & Higher primary school.

Kalpataru School, Halebeedu (2013-2014)-Lower primary school

PROJECTS

1. CollegeMate AI

- **AI Chatbot for College Assistance**
 - This React-based chatbot provides instant answers to college-related queries using pre-trained data.
 - It covers topics like faculty details, clubs, administration contacts, and placements.
- **Speech and Text-Based Interaction**
 - Users can interact using text input or voice commands (speech recognition).
 - The chatbot also supports text-to-speech for reading responses aloud.

- **Smart Query Matching with Fuzzy Logic**

- It uses **string-similarity matching** to understand user queries even if they are slightly different from predefined questions.
- Stop words are filtered out to improve accuracy in matching relevant responses.

2. Online Voting System project using PHP and MySQL

- **Secure Voter Authentication & One-Time Voting**

- Ensures each voter registers and votes only once using unique credentials.
- Implements session management to prevent duplicate or unauthorized voting.

- **Admin Panel for Election Management**

- Admin can create and manage elections, add candidates, and monitor results.
- Stores voter and candidate details securely in a MySQL database.

- **Real-Time Vote Counting & Results Display**

- Votes are recorded in the database instantly and counted dynamically.
 - Results can be displayed in real-time, ensuring transparency and efficiency
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INTERNSHIPS

- **JAVA Full Stack Developer**
 - Parvam, Hassan.
 - **Fundamentals of IoT with Thing Worx**
 - GTTC, Hassan
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CERTIFICATIONS

- **Edunate foundation** certification of participated in **Impact Beyond Business session with SAP CSR** conducted under TechSaksham Program on **6th Nov.2024** at SAP Labs Whitefield, Bangalore.
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Note: Available for full-time opportunities starting 2025. Open to relocation.

