

# Sai Swaroop K Devarmane

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<https://github.com/i-am-sai>

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## EDUCATION

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- **Dayananda Sagar College of Engineering** Bengaluru, India  
*Bachelor of Engineering in Electrical and Electronics; CGPA: 7.5* Dec. 2020 – Present
- **Sir MV PU College** Davnagere, India  
*Pre University Course 2 - PCMB; Percentage:86.66* June. 2018 – Mar. 2020
- **Sri Taralabalu Central School** Davnagere, India  
*10th Grade (CBSE) ; Percentage:89.2* June. 2017 – Mar. 2018

## SKILLS SUMMARY

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- **Programming Languages:** C, Java, Python, HTML, CSS, JavaScript.
- **Frameworks/ Libraries:** jQuery, Express.js, React.js, Next.js, Node.js, REST API, Bootstrap.
- **Tools:** Arduino, GIT, GitHub, Postman, VS Code, Atom, Canva.
- **Database:** MongoDB.

## PROJECTS

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- **Smart Attendance System:** Arduino Uno, ESP32, Fingerprint Sensor for attendance management. Uses ThingsBoard Cloud, Firebase for secure storage, and an Android App for a user-friendly interface. **Link**
- **ChatVerse:** Real-time chat app using Node.js, Express, and Socket.io, featuring room functionality for multiple chat rooms. Utilizes MongoDB for efficient user data storage. **Link**
- **Tech Search:** Innovative web app with a user-friendly interface, offering a comprehensive collection of basic IT terms. Utilizes a custom-built RESTful API integrated with MongoDB. **Link**
- **Spotify Clone:** Aesthetic web application developed using React, Redux Context API, and Material Design, replicating the functionality of Spotify. **Link**
- **Custom Form Builder:** This project is a custom form builder application that allows users to create forms with three unique question types: Categorize, Cloze, and Comprehension. The frontend is built using the MERN stack (MongoDB, Express, React, Node.js), and Tailwind CSS is used for styling. **Live Link**
- **Ecommerce Web Application:** Building a comprehensive ecommerce web application for seamless product selling. Taking charge of the entire development lifecycle, including requirements gathering, system design, and implementation. Incorporating essential features like product management, user browsing, and secure checkout. Leveraging MongoDB, ExpressJs, ReactJs, and NodeJs to ensure scalability and deliver a seamless user experience.

## ACHIEVEMENTS AND CERTIFICATIONS

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- **IEEE WIE Social Hackathon League 2022:** Presented our idea on the topic of Financial Literacy, emphasizing the importance of teaching financial education at the school level. **Link**
- **Paper on Blockchain:** Blockchain enthusiast with a self-authored paper on its evolution and industry impact. Simplified storytelling approach caters to all expertise levels. **Link**
- **Shortlisted for SSB:** Secured a place in the SSB (Services Selection Board) Interview for the esteemed Technical Entry Scheme after 12th Boards. **Link**
- **Web Development Bootcamp:** Certified Full Stack Web Developer from Udemy's bootcamp. **Link**

## INTERESTS

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- **Podcasts:** Enjoys a wide range of captivating podcasts on Ancient History, Geopolitics, Business, Technology, Armed Forces, and Finance. Enthusiastically seeks informative and entertaining audio/video content.
- **Evolution Enthusiast:** Passionate about researching and expanding knowledge in the field of Evolution.

## VOLUNTEER EXPERIENCE

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- **Member of Google Developer Student Club:** Dayananda Sagar College Of Engineering

## LANGUAGE PROFICIENCY

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- **Kannada, English, Hindi.**