

AAYUSH BARIK

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SUMMARY

Dedicated Software Developer equipped with great coding, debugging and project management abilities. Accomplishes project goals consistently with elegant, scalable code. Works great with team members under Agile and Scrum frameworks.

EDUCATION

SRM IST Ramapuram

Aug 2022 - Present

B.Tech Computer Science and Engineering, Cloud Computing

Chennai, Tamil Nadu, India

GPA: 9.4/10.0

WORK EXPERIENCE

SDE Intern, BLUESTOCK

Feb 2026 - March 2026

- Developed a web application and **REST API** to provide real-time IPO-related information.
- Implemented a **PostgreSQL** database and used the **Node.js REST framework** for backend API development.
- The frontend was built using **HTML**, **CSS**, **JavaScript**, and **Bootstrap 5**.

President of the club, Techwiz

Aug 2023 - Present

- Organized and lead a team for the events, and hackathons.
 - Collaborated with cross-functional teams, enhancing project success rates by **10%**.
 - Make the club members to engage in club's activities and contest
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PROJECTS

Sort Flow

React.js | Tailwind CSS

- Designed and developed an interactive web app to visualize popular sorting algorithms like Bubble Sort, Selection Sort, and Insertion Sort.
- Implemented dynamic animations to represent algorithm execution step-by-step, enhancing user comprehension of sorting logic.
- Strengthened algorithmic thinking and frontend development skills through hands-on implementation of visual algorithms.

SongZone-Personal Playlist

HTML | CSS | JavaScript

- Created a fully responsive and interactive music player web app with custom UI/UX.
- Developed core features including play, pause, skip, volume control, and playlist management.
- Integrated audio API controls to deliver a smooth listening experience across devices.
- Achieved a lightweight, efficient design with a focus on performance and responsiveness.

Tic Tac Toe and Sudoku

HTML5 | CSS3 | JavaScript | React.js | Git | GitHub

- Built and deployed two classic logic-based games — Tic Tac Toe and Sudoku — as interactive web apps.
 - Implemented player vs. player and AI-based modes, enhancing game complexity and engagement.
 - Applied React.js for dynamic rendering in Tic Tac Toe and DOM manipulation for Sudoku logic.
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SKILLS

- **Technical Skills:** Project Management, Python, SQL, React.js, Tailwind, Bootstrap, Version control, Data Structures, HTML, CSS, C++, C, problem solving.
- **Soft Skills:** Leadership, Communication, Flexibility.
- **Languages:** English (Proeficient), Hindi (First Language), German(Beginner).

CERTIFICATES/ ACHIEVEMENTS

- AWS Solution Architecture
- Simulation Bootstrap and JQuery
- JavaScript with HTML C
- Language and Python React Bootcamp