

CHERAN S

Pre Final Year B.Tech INFORMATION TECHNOLOGY STUDENT

✉ cheran.it23@bitsathy.ac.in ☎ +91 7305362008 📍 Erode, Tamilnadu 🔗 Cheran-Portfolio

🐙 Github

SUMMARY

B.Tech Information Technology student with strong programming fundamentals and hands-on experience in full-stack development (MERN). Proven problem-solving skills through competitive programming and consistent project work on GitHub. Interested in building scalable, reliable systems and excited to contribute to Software-focused engineering at Juspay.

EDUCATION

B.TECH IN INFORMATION TECHNOLOGY,
BANNARI AMMAN INSTITUTE OF TECHNOLOGY

CGPA:61%

SKILLS

Programming Languages

- C
- C++
- Python
- Java
- JavaScript

Web Technologies (Frontend)

- HTML
- CSS
- Bootstrap
- ReactJS

Backend / Server-Side

- Node.js
- Express.js

Database

- MongoDB

Tools / Version Control

- Git
- GitHub

Technical / Professional Skills

- UI Design
- UX Design
- Debugging
- Responsive Design
- APIs

Achievements

- Earned the Innovator Badge on Salesforce Trailhead
- Completed the Cybersecurity (Basic) certification from Cisco

LANGUAGES

Tamil

Native

English

Intermediate

PROJECTS

STUDENT DASHBOARD [🔗](#), *GitHub: Student Dashboard*

- Developed a full-stack web application using the MERN stack (MongoDB, Express.js, React.js, Node.js) and CSS.
- Designed and implemented a secure role-based access control system with separate interfaces for student registration and administrative tasks.
- Integrated key features to enhance functionality and user experience:
- Maintenance Mode: Allowed administrators to temporarily disable the front-end for system updates.
- Theme Toggle: Implemented a light/dark mode switcher for improved user accessibility.
- Full CRUD Operations: Engineered complete Create, Read, Update, and Delete functionalities for managing student records within the admin panel.

EAT EXPRESS [🔗](#), *GitHub: Eat-Express*

- Developed a full-stack food delivery platform using the MERN stack (MongoDB, Express.js, React.js, Node.js) and CSS.
- Implemented a secure user authentication and authorization system for customer registration and login.
- Engineered the complete order lifecycle, from adding items to a cart, through a secure checkout process, to final order placement.
- Built a real-time order tracking feature that allows customers to monitor the status of their delivery from the kitchen to their doorstep.
- Leveraged MongoDB Atlas for a scalable, cloud-based database solution to reliably manage all application data

ONLINE COMPILER [🔗](#), *GitHub: Online Compiler*

- Developed a full-stack web application for real-time code compilation and execution using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Integrated a feature-rich code editor on the frontend, supporting syntax highlighting for multiple programming languages.
- Engineered a secure backend service that communicates with a third-party execution API (e.g., Judge0) via RESTful API calls to compile and run user-submitted code.
- Implemented a robust system to display execution output, including standard output and error messages, directly back to the user interface.
- Utilized MongoDB to persistently store user code snippets and execution history, enabling users to save, share, and manage their code.