

CHERAN S

Pre Final Year B.Tech INFORMATION TECHNOLOGY STUDENT

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 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

- C
- C++
- Python
- Java
- Html
- CSS
- Bootstrap
- JavaScript
- Node.js
- ReactJS
- Express.js
- MongoDB

TECHNICAL SKILLS

- UI
- UX
- Debugging
- Responsive Design
- APIs
- Git
- GitHub

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.