Dinesh T V

Education

PSG College of Technology   2022 - present
M.Sc (Integrated) Theoretical Computer Science *CGPA: 8.35*

Skills

Languages *Python, JavaScript, TypeScript, C++*

Frameworks *Next.js (React.js), Express.js, TailwindCSS*

Databases *MySQL, MongoDB, PostgreSQL*

Tools *Obsidian, Git, Jira*

Academic Projects

Mozart *Next.js, TailwindCSS, MariaDB*
Web application to track a user's listening data on Spotify, providing insightful statistics and recommendations.

Bloomsync *Python*
Terminal application for UNIX systems written for file synchronization between folders using the bloom filter data structure.

Wizardo *C++, .NET*
Graphical password manager encouraging local encryption and storage of passwords. Passwords are encrypted using RSA.

Personal Projects

ProLeap *React.js, TailwindCSS*
Designed a comprehensive platform for management of student data for visiting faculty. Includes student dashboards, personality tests and live admin tracking.

Pigeon, Dove, Bobert *TypeScript, Python*
Multi-purpose Discord bots designed for moderation and a moderator mail system.

Achievements
- Won multiple quizzes at district and state levels.
- Permanent member of the Coimbatore Astronomy Club.

Extra-Curricular Activities

Community Administrator   r/teenagers
Co-owned and managed the largest youth community online, of over 3 million members.   2021-present

Student Representative PSG College of Technology
Represented my class in Class Committee Meetings   2022-2023

Linux Enthusiast   World of OSS
Dedicated Linux aficionado and avid distro hopper   2020-Doom