

Genius Joelraj

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github.com/geniusjoelraj

Summary

Third-year B.Tech IT student with strong skills in MERN stack, Python, and Machine Learning. Passionate about building efficient web solutions and AI-based applications. Looking for opportunities to grow in a dynamic tech environment.

Skills

- **Languages:** Python, JavaScript, Bash
- **Frameworks:** React.js, Node.js, Express.js, TailwindCSS
- **Databases:** MongoDB, Postgres
- **Tools & Platforms:** Git, Linux, MongoDB Atlas, Docker

Education

SRM Valliammai Engineering College, B.Tech in Information Technology 2023 - 2027

- GPA: 8.07/10

Projects

To-Do List App [github.com/ToDo-List-App](https://github.com/Joelraj-2005/ToDo-List-App)

- **Tech:** HTML, CSS, JavaScript, Node.js, EJS, MongoDB Atlas
- Built a full-stack task manager with dynamic EJS rendering and persistent storage via MongoDB Atlas
- Enabled users to add, delete, and mark tasks with real-time updates

Landing Page – React + Tailwind [github.com/tanuki](https://github.com/Joelraj-2005/tanuki)

- **Tech:** React.js, Tailwind CSS, Framer Motion
- Developed a responsive, modern landing page with smooth animations and mobile-first design
- Utilized component-based architecture and clean Tailwind utility classes

Note-Taking App [github.com/wave-note-app](https://github.com/Joelraj-2005/wave-note-app)

- **Tech:** React.js, Material UI
- Built a clean and user-friendly interface for writing, saving, and deleting notes
- Implemented state management and styled components using MUI design system

Video to ASCII Art Converter [github.com/video-to-ascii](https://github.com/Joelraj-2005/video-to-ascii)

- **Tech:** Python, OpenCV, PIL
- Designed an algorithm to convert video frames into real-time colored ASCII characters
- Used OpenCV for frame capture and PIL for rendering ASCII images

Certifications

- The Complete 2024 Web Development Bootcamp - Udemy - Mar 2024