

# Suraj Sreeprakash Menon

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## EDUCATION

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- **Dayananda Sagar College of Engineering** Bengaluru, KA  
*B.E in Information Science (VTU); SGPA: 9.3* 2022 - 2026
- **Christ PU College** Bengaluru, KA  
*State Board; 88%* 2020 - 2022

## SKILLS

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**Languages:** Python, JavaScript, SQL, Bash, Java, Kotlin, Dart

**Frameworks/Technologies:** Next.js, React, Supabase, Flutter, Git

**Developer Tools:** GitHub, Docker

## PROJECTS

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- **TravelEase** – *Next.js, Supabase, Google Maps API* [Website](#)
  - Developed an interactive trip management platform with expense tracking and mapping.
  - Integrated a dynamic mapping interface using Google Maps API, enabling users to filter and explore locations.
  - Implemented filters for attractions, accommodations, and dining options based on the travel route
  - Optimized performance by streamlining API calls and integrating Supabase for authentication and database management.
- **CIE Marks Calculator** – *Kotlin* [GitHub](#)
  - Developed a user-friendly mobile application to calculate Continuous Internal Evaluation (CIE) marks efficiently.
  - Integrated Apache POI library for Excel sheet parsing and data extraction, enabling users to upload spreadsheets and calculate marks.
  - Implemented an enhanced user interface using Material UI to providing a seamless experience.
  - Optimized the calculation logic to provide instant and error-free results based on user inputs.
  - Integrated the local storage access feature to access the spreadsheets from the device.
- **Linux Starter Pack** – *Python, Next.js, Tailwind* [GitHub](#), [Website](#)
  - Developed a user-friendly terminal user interface (TUI) for installing packages and softwares based on the user's Linux Distribution.
  - Integrated Textual Python library to implement the TUI and used Bash scripting for saving the list of packages to be installed.
  - Optimized the installation process by proper recognition of fastest mirrors to significantly reduce installation time.
  - Integrated the Anime.js library to implement animations and add to the user experience.
  - Developed a website using Next.js and Tailwind CSS to better showcase the project.

## CERTIFICATIONS

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- Flutter and Dart–The Complete Guide [2024 Edition] [Certificate](#)