Suraj Sreeprakash Menon

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EDUCATION

- **Dayananda Sagar College of Engineering** — Bengaluru, KA
  B.E in Information Science (VTU); CGPA: 8.9 — 2022 - 2026

- **Christ PU College** — Bengaluru, KA
  State Board; 88% — 2020 - 2022

SKILLS

Languages: Python, JavaScript, Typescript, SQL, Bash, Dart

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

Developer Tools: GitHub, Docker, VS Code, Postman

EXPERIENCE

- **Frontend Developer Intern** – *BharatCrest Pvt. Ltd.* — June 2025 - August 2025
  - Built frontend for two major projects that are deployed to production.
  - Designed and built the website HRMatcher using Django, leveraging AI to match candidates to company requirements.
  - Collaborated with a team of 3 developers to build the ProfitPal application using React and Python, which helps restaurant owners and staff manage their inventory and sales.

PROJECTS

- **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.

- **NammaLakes** – *FastAPI, RabbitMQ, Vite+React, Recharts, ML (Isolation Forest)* — Demo
  - Developed the main website for NammaLakes, a distributed IoT-based lake monitoring system, using Vite and React.
  - Designed and developed the dashboard to visualize the data collected from the sensors using Recharts library.
  - Optimized the dashboard performance by implementing efficient state management and lazy loading techniques.

- **Linux Starter Pack** – *Python, Next.js, Tailwind CSS* — Website
  - Created a user-friendly terminal user interface (TUI) for installing packages and softwares based on the user's Linux Distribution.
  - Learned the Textual Python library to implement the TUI and used Bash scripting to save the list of packages to be install.
  - Optimized the installation process by recognizing fastest mirrors to reduce installation time.
  - Integrated the Anime.js library to add animations that enhance the user experience.
  - Developed a website using Next.js and Tailwind CSS to better showcase the project.

CERTIFICATIONS

- Flutter and Dart–The Complete Guide [2024 Edition] — Certificate
- Data Mining — Certificate