

Suraj B M

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Skills

- **Programming Languages:** Python (Proficient), C/C++ (Intermediate), Java (Intermediate), Rust (Moderate), Go (Moderate), R (Moderate)
- **Web Development:** HTML, CSS, JavaScript, TypeScript, JSON, jQuery, React, Vue, Vite, TailwindCSS, Sass, Next, shadcn/ui, Flask, FastAPI, Express, MongoDB, Node, Yarn, PNPM, Vercel, Postman, Insomnia, Pocketbase
- **Big Data:** hadoop, spark, kafka, pig, hive, hbase, MapReduce
- **AI/ML and Data Science:** scikit-learn, numpy, pandas
- **Other Languages:** Bash, Dockerfile, Markdown, Windows Batch, Regex
- **Tools:** Google Colab, Jupyter Notebooks, VS Code, Git, Obsidian, MS Office, Neovim, Windows Registry

Education

Grade 10

ICSE Board (2020)

St. Francis de Sales Public School

97%

Grade 12

PUC Board (2022)

Narayana PU College

95%

B. Tech in CSE (AI&ML)

2022 - 2026

PES University

Experience

Hackerspace

Web Development Mentor

- Mentored, created and contributed to various open-source projects under Hackerspace

PES University

Aug 2023 - Present

Encode AI

Founding Member and Web Development Head

- Leader of club website development team

PES University

Jan 2024 - Present

Linux Legion

Community Manager and Web Development Head

- Conducted workshops about Linux and tools used in Linux
- Leader of community website development team

PES University

Jan 2024 - Present

Jnaanada

Technical Head and Founding Member

- Leader of club website development team

PES University

Feb 2024 - Present

Research et al

Frontend Web Developer

- Part of the frontend development team for the club website

PES University

Mar 2024 - Present

Projects

formista

MongoDB, Express, React, Node

- A form app that is highly customizable and has various types of fields to choose from

PESU-tix (Open Source)

T3 Stack

- An event ticketing system tailored for PESU, integrating ID card verification for secure event access

docker-hadoop

bash, Dockerfile

- A minified Docker image built for both AMD and ARM CPU architectures, based on Ubuntu, containing pre installed tools required for Big Data, such as hadoop, pig, spark etc

portfolify

React, Vite, Tailwind CSS

- A React component library, published as an NPM package, to create a responsive portfolio website with minimal React knowledge

Hobbies and Interests

- **Languages known:** English, Kannada, Hindi, Telugu, Latin (beginner)
- **Reading:** Fiction, Mystery, Manga, Romance, Sci-fi, Documentaries
- **History and Geopolitics:** Up-to-date with current affairs, good at general knowledge and history
- **Conscripts, conlangs and grammar:** Creation of conscripts for existing languages, analyzing conlangs and grammar of languages
- **UNIX Ricing:** Working with various distributions of Linux and desktop managers, and ricing them to give them unique looks