

Prakash Ponnusamy

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Location: India

PROFESSIONAL SUMMARY

- A versatile IT professional with 6 years of experience in Graphic design, Web development and data analysis.
- React Frontend Developer with 2+ years of hands-on experience in building interactive and responsive web applications using React.js, Next.js, and JavaScript.
- Expertise in developing single-page applications (SPAs) and enhancing user interface (UI) through modern web technologies such as HTML5, CSS3, JavaScript (ES6+).
- Proficient in React Hooks, React Router and frontend build tools such as NPM for efficient development workflows.
- Strong knowledge of data visualisation tools and libraries (e.g., D3.js, Chart.js) for creating insightful, interactive charts and reports.
- As a Data Analyst, worked with large datasets to perform data extraction, cleaning, and transformation using tools like SQL, Excel, Google Sheet and Python (Pandas).
- Proficient in SQL queries and data manipulation using relational databases (MySQL, MSSQL).
- Strong problem-solving skills, with the ability to handle multiple tasks/projects simultaneously while ensuring high-quality delivery.
- Excellent communication skills, with the ability to collaborate effectively with cross-functional teams including backend developers, data scientists.
- Proficient in Git for version control.

Technical Skills:

Frontend Development:

Tools: React.js, React Router, JavaScript (ES6+), HTML5, CSS3, SASS.

Data Visualization: D3.js, Chart.js, Power BI

UI/UX Tools: Figma, Adobe XD

Backend & Data Integration:

Tools & Languages: Django, Node.js, SQL, Python (Pandas)

Databases: Microsoft SQL Server, MySQL, MongoDB

API Integration: RESTful APIs.

PROFESSIONAL EXPERIENCE

Freelance Web Application Developer - 2023 – Present

Technologies Used: React.js, Next.js, JavaScript (ES6+), Node.js, D3.js, Chart.js, Git

Graphic & Web Designer - 2022 – Present

Technologies Used: Adobe XD, Figma, HTML5, CSS3.

Graphic Designer - 2017 - 2019

Technologies Used: Adobe Illustrator, Photoshop, InDesign.

KEY PROJECTS

#2. Data Analytics Dashboard

Role: Frontend Developer | **Technologies:** React.js, Chart.js, D3.js, Redux, Node.js, REST APIs

- Developed a **real-time data dashboard** that visualized business-critical KPIs using
- interactive charts and graphs, providing stakeholders with actionable insights.
- Integrated **Chart.js** and **D3.js** to create dynamic, data-driven visualizations, enhancing
- decision-making.
- Implemented **Redux** for efficient state management across multiple components.
- Designed and optimized the UI to be **responsive** and **mobile-first**, ensuring usability across
- devices.

#1. Data Analysis and Reporting Automation

Role: Data Analyst & Python Developer | **Technologies:** Python (Pandas, Matplotlib), Google Sheets API, gspread

- Automated the **extraction, cleaning, and visualization** of data from Google Sheets,
- generating monthly reports that were distributed to senior management.
- Used **Pandas** and **Matplotlib** to manipulate and visualize complex datasets, making trends
- and insights easily digestible.
- Automated data processes, eliminating manual reporting tasks and ensuring **accuracy** and
- **consistency** in data analysis.

EDUCATION

BS in Data Science - Indian Institute of Technology, Madras | Present

Diploma in Computer Engineering - Maisoori Polytechnic College | 2023

CERTIFICATIONS

- **Graphic and Web design (HTML5, CSS3, Figma, Adobe XD)** | NSDC

PERSONAL DETAILS

Date of Birth: 20/05/1994

Gender: Male

Nationality: Indian

Languages: Tamil (Native), English (Intermediate)

DECLARATION

I hereby declare that the information provided is true to the best of my knowledge and belief.

Signature:

Prakash Ponnusamy