

Kanhaiya Sinha

Scaler | LinkedIn | GitHub

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FULL STACK DEVELOPER

Results-driven software engineer with **2.5+ years** of hands-on experience, skilled in **Python** and **Full Stack MERN development**. Proficient in developing robust products tailored for high-volume businesses. Proven track record of delivering high-quality results and passionate about contributing to innovative projects in dynamic team environments.

TECHNICAL SKILLS

Languages	: JavaScript, Python, Java, HTML, CSS
Frameworks	: React.js, Express, Node.js, Tailwind CSS, Bootstrap
Libraries	: Material, Redux, React Router
Databases	: MongoDB, Firebase, Hana DB, MySQL
Dev Tools	: VS Code, Git, GitHub, Android Studio

EXPERIENCE

Associate Software Engineer *Mphasis Ltd.*

Dec 2021 – Present
Pune, Maharashtra, IN

- Implemented highly accurate ML models within SAP domain, forecasting **Database Growth**, **Table Partitioning**, **Memory Prediction**, and **Data Archiving** needs with over **90%** accuracy, driving proactive capacity management efforts.
- Contributed to implementing a predictive capacity management tool, achieving a **20%** reduction in infrastructure costs and **15%** decrease in system downtime.
- Designed and integrated frontend interfaces with backend systems through **Flask API** to streamline communication.
- Utilize **Hana DB** for efficient **data storage**, **retrieval**, and **manipulation**, ensuring **data consistency** and **integrity**.
- Designed and developed whole **Memory Prediction** module model that anticipate memory needs for varying workloads, dynamically allocating resources for stability and reliability.
- Tech Stack:** HTML, CSS, JS, Bootstrap, Flask Api, Python (**Libraries:** NumPy, Pandas, Scikit-learn, Matplotlib, Plotly)

Android Developer Intern *Techshunya Studio*

Feb 2020 – Dec 2020
Raipur, Chhattisgarh, IN

- Designed, coded, and demonstrated expertise in Android app development in **Java**, covering both frontend and backend solutions
- Managed organizing and retrieving data from **MySQL**, **Firebase** database, using **SQL** showcasing competence in Database Management for Various Applications
- Actively contributed to the development and launch of new applications, demonstrating end-to-end involvement in the development lifecycle

EDUCATION

Chhattisgarh Swami Vivekanand Technical University *B.Tech in Computer Science*

Raipur, Chhattisgarh, IN
July 2017 – Sept 2021

Scaler Academy *DSA in Java and Full Stack Frontend Development using MERN*

Raipur, Chhattisgarh, IN
Sept 2023 – Jan 2024

PROJECTS

Property Renting Website (Wanderer)

TypeScript, React.js, Next.js Tailwind, Prisma, MongoDB

[Source Code](#)

- Developed a fully responsive website to rent property online using **React.js**, **Next.js**, and **Tailwind CSS**
- Optimized speed for data fetching with the help of **server-side rendering** using **Next.js**, creating a seamless user experience
- Implemented user authentication using **NextAuth.js** and **file-based routing** of Next.js to manage routes
- Deployed on Vercel

Food Ordering App (Cafe React)

React, JavaScript, CSS Modules, Redux, Firebase

[Source Code](#)

- Designed and developed a food ordering app using **React.js, JavaScript, and CSS Modules**
- Managed application-wide states using **Redux**
- Used **Firebase** Realtime Database to manage user data and food orders
- Deployed on **GitHub Pages** using GitHub Actions

CERTIFICATIONS

- Mphasis Certified Python Developer - Associate
- Received SQL certification from Mphasis
- Received RDBMS certification from Mphasis