

# SACHIN PATHAK

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## SUMMARY

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Highly motivated software engineer with a strong passion for building scalable web applications and creating innovative solutions. Offering over 1 year of professional experience in developing robust software using React.js, Node.js, and various databases such as MySQL, MongoDB, and GCP DataStore (NoSQL). Committed to delivering high-quality code and continuously expanding technical knowledge to stay at the forefront of emerging technologies.

## EXPERIENCE

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### Software Engineer

Techzoni

Oct 2022 - Present

Noida, Uttar Pradesh

- **Campaleads** based on marketing campaign project implemented using **Whatsapp Business API** and built on modern Technologies like **Reactjs**(frontend), **Nodejs**(Backend), and **MySQL**(Database) then database move to **Datastore(GCP)**. This marketing Campaign product i.e. CampaLeads follow Software as a Service(**SaaS**) delivery Model and **MVC architectural pattern**.
- Developed a comprehensive user authentication system using Node.js and React.js, incorporating **JWT** for secure **token-based authentication**, password hashing, encryption, and refresh token handling.
- Implemented robust file management capabilities using Node.js and **GCP Bucket**, enabling efficient storage and handling of various file types such as Excel, images, and CSV files within the Campaleads project.
- Implemented routing and navigation functionalities using **React Router DOM v6** to enhance user experience and dynamic page rendering. This integration ensured seamless transition between different sections of apps. Protected routes and authentication flow using React Router's authentication hooks.
- Created integration of RESTful APIs in Reactjs by utilizing **Axios Interceptor**. Created an efficient and centralized approach to handle API requests, including authentication, error handling, and response interception.
- Developed real time chat inbox by integrated third party APIs and service such as **Facebook Webhooks** to enhance functionality of campaign product (Campaleads), enabling efficient communication and data synchronization.
- Designed and implemented an efficient task queue system using **GCP Task Queue**, allowing for the smooth processing of template messages within the Campaleads application.
- Implemented state management using **React Hooks**, such as `useState` and `useEffect`, for effective handling of component state and lifecycle events.
- Collaborated with **Team Size 7** to troubleshoot and resolve complex technical issues, ensuring the successful delivery of the Campaleads project.
- Project Link: ([campaleads.com](https://campaleads.com))

### Software Engineer Intern

Indiannica Learning Pvt Ltd ([Intern Certificate](#))

March 2022 - June 2022

Mohan Estate, Delhi

- Developed a **chatbot** using React.js, Node.js, and **Dialogflow (NLP)** to enhance user interactions and automate customer support processes. Successfully chatbot integrated with Indiannica's Product.
- Implemented seamless communication between the chatbot and the backend system, utilizing Node.js to handle data processing and deliver personalized responses.
- Designed and Developed a comprehensive **Teacher Resource Kit**, providing educators with valuable tools and resources to enhance the learning experience. Addressed software bugs and issues, collaborating with cross-functional teams to identify, debug, and resolve issues effectively.
- Closely Collaboration in ILP-Indiannica Learn and Play, i.e interactive learning app that offers features such as videos, quizzes, and multiple-choice questions (MCQs). Collaborate in terms of facilitate engaging and effective learning experiences via **utilizing APIs**. ([App Link](#))

## SKILLS

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<b>Programming Languages</b>	Javascript, C/C++
<b>Frameworks,Tools and Technologies</b>	React.js, Node.js, Express.js, Git/GitHub, Pub/Sub, WebHook
<b>DataBase</b>	MySQL, MongoDB, GCP(Datastore, BigQuery, Bucket)

## PERSONAL PROJECTS

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**E-commerce Dashboard:** This project is built using React.js, Node.js and MongoDB.This Dashboard interface is used to store the product details in the database.Internally Dashboard implemented using Reactjs Functional Component as well as Node.js via Express.js for efficient utilization of APIs. ([code here](#)) Sept 2022 - Sept 2022

**2048 Game in C++:** This project built using C++ with C++ library.2048 Game is based on a concept of colliding the same two no.to create new no.This whole systems is in C++ language .In Each Turn new no. will randomly appear in an empty spot on board with values either 2 or 4 changes. ([code here](#)). Mar 2022 - Apr 2022

## EDUCATION

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**Bachelor of Technology(B.Tech):** R.D. Engineering College(AKTU) July 2018 - July 2022  
Course: Computer Science and Engineering(CSE)  
Percentage: 82

**Senior Secondary (XII):** The Union Academy Sr. Sec. School (CBSE) 2017  
**Senior Secondary (X):** GOVT. CO-ED Sr.Sec. School E BLK West Vinod Nagar Delhi (CBSE) 2015

## LANGUAGES

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- English (Professional Working Proficiency)
- Hindi (Native Bilingual Proficiency)

## HOBBIES

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- Chess
- Cricket