SURAJ RATHOR

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SKILLS

Programming Languages: C, C++, JavaScript, Java, Python, Swift

Web Technologies: WordPress, HTML, CSS, React, Node.js, Express, MongoDB

Development Skills: iOS Development, Chatbot Development, GraphQL API Integration, Workflow Automation with n8n, Real-Time Subscriptions

Software/Tools: Git, Canva, Linux, Figma, Nhost, Hasura, n8n, OpenRouter

Platforms/Databases: Windows, macOS, Ubuntu, MySQL, PostgreSQL

Soft Skills: Communication, Logical Thinking, Active Learning, Stress Management, Leadership, API Design, Cloud Deployment

EXPERIENCE

- **Granville-Tech (South Africa)** — Dec 2024 -Feb 2025
  Web Developer & Head of Software Department

  Completed a remote internship, leading software development initiatives, collaborating with a global team, and contributing to innovative web solutions.

- **Google Developer Student Clubs (GDSC)** — Dec 2022 - Oct 2024

  Active Member, contributed to various projects and events focused on technology, innovation, and community engagement.

- **Beta Labs, IIIT Kottayam** — Dec 2022 -Oct 2024

  Assisted in project development and collaborated with senior researchers.

EDUCATION

- **Indian Institute of Information Technology, Kottayam, Kerala** — Nov 2022 – Apr 2026
  Bachelor of Technology (B.Tech) in Computer Science and Engineering

  Relevant Coursework

  Operating Systems, Data Structures, Algorithms, Computer Architecture, DBMS, Computer Networks, Machine Learning, Computer Vision, Cryptography, Big Data, Deep Learning, Artificial Intelligence, Cloud Computing, Database Management

ACHIEVEMENTS

- **Smart India Hackathon (SIH) Intra-college Winner** — October 2023
  Won first place in the intra-college Smart India Hackathon with innovative solutions.
- **Level 3 GenAI: Prompt Engineering in THE ARCADE** — March 2023
  Advanced skills in designing and optimizing AI prompts for diverse applications.
- **Google Cloud Computing Foundations** — March 2023
  Achieved Silver League (15,635 points) and earned 8 badges in Google Cloud technologies.

PROJECTS

- **NeuralChatAI (Chatbot Web App)** August 2025

Designed and deployed a secure, scalable Chatbot Application using Nhost, Hasura, n8n, and OpenRouter. Implemented robust email authentication, real-time messaging, GPT-powered responses, and user-friendly features for chat creation and message history. The solution strictly followed GraphQL-only patterns and modern cloud hosting (Netlify), enabling open access and streamlined conversations.

- **TheShikshaPath (Coaching Management System)** Feb 2025 - July 2025

Developed and managed the Coaching Management System (CMS) to streamline coaching operations, track progress, and enhance user engagement. Implemented key features for scheduling, performance monitoring, and data analytics.

- **South Africa Government Project(COMESA)** Oct 2024 - Dec 2024

Worked on a South Africa Government project under COMESA, focusing on [key areas, e.g., project management, data analysis, ICT solutions]. Contributed to enhancing regional collaboration, streamlining data collection, and improving reporting mechanisms. Technologies: React.js, Node.js, Express.js, MongoDB

- **iOS Front-End Development** May 2024

Worked as an iOS front-end developer on multiple projects, focusing on UI/UX and mobile responsiveness. Technologies: Swift, UIKit, CoreData

Hall Booking Website Feb 2024 - March 2024

Built a hall booking website that facilitates venue reservations and availability tracking. Technologies: React.js, Node.js, MongoDB

- **Beta Lab Club Website** Oct 2023 - Jan 2024

Created an interactive website for a club, focusing on user engagement and resource sharing. Technologies: React.js, Node.js, Express.js, MongoDB

- **Suraj Portfolio**