

Sahil Kumar

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EDUCATION

I.K. Gujral Punjab Technical University Jalandhar
B.tech in Electronics and Communication Engineering

Aug 2020 - Jun 2024
CGPA: 7.42/10

SKILLS

Languages: JavaScript, TypeScript, SQL, HTML, JQuery, CSS, PHP, LUA

Technologies & Tools: AWS, EC2, S3, MongoDB, ReactJS, React Native, NextJS, NodeJS, Git, GitHub

Other: CI/CD, NGINX, Apache, Docker, Linux, Putty, Devops

WORK EXPERIENCE

Hoping Minds, Mohali

Jan 2024 - Present

Software Developer Engineer

- Deployed 10+ websites with robust CI/CD pipelines for frontend and backend using Docker and GitHub/GitLab Actions; implemented SSL certificates for secure connections and utilized NGINX for comprehensive site management on Ubuntu servers.
- Engineered and optimized high-performance backend systems using Node.js for enterprise-level websites, achieving a 40% reduction in response times and ensuring sub-500ms load times for seamless user experience.
- Created robust APIs for a comprehensive grocery website, facilitating seamless communication and interaction between various interfaces including delivery personnel, sellers, customers, and administrators. Delivered ahead of schedule for client satisfaction.
- NodeJS, AWS, EC2, S3, MongoDB, ReactJS, APIs, NGINX, Docker, Ubuntu

Upwork, Remote

Sept 2021 - Mar 2023

Full Stack Developer - Freelancer

- Delivered expert solutions to over 100 clients, resolving a diverse range of issues spanning frontend, backend, and database functionalities.
- Successfully completed more than 20 custom projects from inception to deployment, demonstrating proficiency in both frontend and backend development, as well as project management.
- Implemented feedback-driven improvements to client projects, resulting in consistent 4.9/5 ratings, reflecting reliability and the ability to meet project deadlines consistently.
- NextJS, ReactJS, NodeJS, VPS, RDP, .LUA, DNS

PROJECT WORK

- Iso Meds:** Built and maintained the backend for Iso Meds, a full-featured e-commerce website, using Node.js and PostgreSQL; designed and implemented an optimized search engine for enhanced search accuracy and performance, effectively managing customer interactions and order processing.
- Courses Selling Website:** Designed the entire backend architecture for a high-traffic courses website utilizing Node.js and MongoDB, alongside implementing a media server on AWS S3 for efficient video streaming. Managed hosting and load distribution with Nginx across multiple servers to ensure seamless performance and scalability.
- Grocerify:** Designed and implemented the full backend infrastructure using Node.js and MongoDB, focusing on optimized authentication, efficient API development, and WebSocket integration for real-time data updates, resulting in enhanced performance and user experience. Used AWS, S3, EC2, NodeJS, MongoDB, Google Cloud
- Gaming Scripts E-Commerce Platform:** Developed and maintained an e-commerce platform, mrsahil scripts, for selling custom gaming scripts for GTA V. Utilized HTML, CSS, jQuery, ReactJS, and Lua programming to create a user-friendly interface. Uploaded and sold eight products to over 700 customers, generating revenue of 800,000 INR.

AWARDS AND CERTIFICATES

- Won Techzibhition in Cognizance, IIT Roorkee IIT:** Achieved third place in the Tech Exhibition at Cognizance, IIT Roorkee, for developing a machine learning-based blind stick designed to detect surroundings and provide guidance for visually impaired individuals in various conditions. Secured a paid order of 50 sticks from an organization.
- University MOE's Innovation Cell Student Coordinator:** Served as the Student Coordinator for the Ministry of Education's Innovation Cell at IKGPTU, overseeing and facilitating innovative initiatives aimed at fostering creativity and ingenuity among students.