

Sujeev Gyawali

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Summary

Computer Science Engineering graduate with experience as CTO and Full-Stack Developer, delivering scalable SaaS, IoT, and cross-platform solutions. Proficient in JavaScript & Frameworks, Cloud & DevOps, IoT, C, and Python with strong leadership and award-winning project execution.

Education

B.Tech in Computer Science and Engineering, Sharda University, Greater Noida, India Oct 2021 – April 2025

- GPA: 8.645/10 (Transcript, 10.0 Scale)

10th - 12th grade, New Horizon English Boarding Secondary School, Butwal, Nepal April 2005 – May 2019

- GPA 10th & 12th Grade: 3.80 & 3.34 (Transcript, 4.0 scale)

Work Experience

Co-Founder & Chief Technical Officer, Navstream Innovations LLP. – Greater Noida, IN April 2022 – Present
On-Site, Full Time

- Leading technical strategy and project development for **Voltrack**, an IoT-based Energy Monitoring Platform, overseeing a team of 6 developers.
- Designed and implemented dynamic JavaScript components for the EMS dashboard and developed driver code for Voltrack's IoT Gateway.
- Represented the company in multiple client meetings and technology seminars, strengthening partnerships and business opportunities.

Full Stack Developer, Upsurge Media Pvt. Ltd. – Greater Noida, IN June 2022 – December 2024
Hybrid, Part Time

- Worked with multiple clients on multi-domain projects including web and mobile application development.
- Developed and deployed multiple e-Commerce and websites that enable online-sales, order management, user management, and detailed organizational info.
- Developed reusable front-end components and RESTful APIs to improve performance and maintainability across projects.

Technical Projects

Voltrack – IoT-based Energy Monitoring & Analytics Platform 2025

- Engineered backend integrations for real-time battery analytics across diverse chemistries using IoT gateways and SaaS architecture.
- Developed predictive maintenance and alert systems with AI/ML to forecast failures and notify critical events.
- Enabled historical data logging, customizable dashboards, and energy-optimization reporting for scalable industrial use.

PrintBot – Instant Printing Solution 2025

- Engineered a cloud printing solution where users upload and pay for documents online; files stored securely on a centralized server.
- Developed a Linux-based machine interface in **Python**, enabling users to input a unique magic code and retrieve their print jobs.
- Built a cross-platform ecosystem using **ReactJS** (web frontend), **PHP + MySQL** (backend), and native apps for Android/iOS with React-Native with Expo Framework, hosted on **Hostinger Cloud**.

SalesTown – CRM Mobile App 2024

- Built a cross-platform CRM mobile app using **React Native & Expo Framework** for Android and iOS.
- Implemented real-time data synchronization with backend APIs for leads and client management.
- Integrated push notifications for reminders and follow-ups, improving sales engagement.

Awards & Research

- DOI:10.1109/NETCRYPT65877.2025.111027914th, NETCRYPT 2025 – IEEE Xplore 2025
- **1st Runner Up**, 6th Technovation Hackathon – Sharda University 2025
- **Winner**, Proof of Concept (POC) Category, AARAMBH 22 – HBTU Kanpur 2022

Technological Skills

- **Programming Languages:** C, Python, SQL, PHP, JavaScript, HTML, CSS, etc.
- **Frameworks:** ReactJS, NextJS, Express, NodeJS, NestJS, Tailwind CSS, Redux, etc.
- **DevOps:** AWS, Docker, GitHub Actions, Grafana, Reverse Proxies (Nginx, Caddy, etc.), etc.
- **IoT:** Arduino, ESP32, STM32, Sensors & Converters (ex: MPU6050, MS5611, TTL to RS485 converters, CAN Bus Controllers, etc.