Curriculum Vitae

Personal Information

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Profile Summary

Innovative and results-driven entrepreneur, IT specialist, and event organizer with a strong passion for technology, robotics, and digital transformation. Founder and CEO of **Dream Build IT Solutions Pvt Ltd,** and Former President of the **GoldenGate Science and Robotics Club**. Experienced in organizing national and international tech events, developing AI-integrated robotics projects, and leading cybersecurity awareness campaigns. Dedicated to digitizing Nepal through impactful technological initiatives. Currently 17 years old, born on August 27, 2007.

Education

Reliance International Academy, Nepal

GPA-3.45 (2023)

GoldenGate International College, Nepal

+2 Computer Science (2023 - Present)

Professional Experience

CEO & Founder

Dream Build IT Solutions Pvt Ltd (2021 - Present)

- Established and currently lead an IT solutions company focusing on cybersecurity, software development, and digital innovation.
- Developed and managed international partnerships for tech event sponsorships.
- Leading the development of multiple tech-based initiatives, including a **telemedicine app** and an **anti-rape device**.

President

GoldenGate Science and Robotics Club (2023 - Present)

- Organized and led various technological events, hackathons, and workshops.
- Represented the Nepal at **IIT Patna's Celesta 2024**, where multiple robotics and AI competitions were participated in.
- Spearheaded projects including **voice-controlled robots** and **RC plane building workshops**.

IT Chief

Gift Durbar (2023 - 2024)

- Managed IT-related solutions for the organization, ensuring seamless digital integration.

Unitask Masters

Backend Developer (Jan - Present)

- Developing backend solutions with **Java**, focusing on **efficiency and scalability**.
- Working on **RESTful APIs**, database management, and **server-side logic** to enhance system performance.
- Collaborating with front-end developers to ensure seamless **integration of backend services**.
- Implementing **secure authentication mechanisms** and **data encryption techniques** for enhanced security.
- Optimizing code for **high performance and low latency** in real-world applications.

Project Manager

TechSpire Robotics Club (2024 - Present)

- Managed IT-related solutions for the organization, ensuring seamless digital integration and Project Works.

Skiltire.fm

Course Instructor (2025 - Present)

- Teaching core concepts of front-end and back-end development, mentoring students, and designing project-based learning modules to build real-world applications.

Key Projects & Initiatives

- **Cyber Utsav 2024** (Tech Fest)
    - o Organizer of premier tech festival, featuring hackathons, keynote speakers, competitions.
    - o Successfully coordinated sponsorship discussions with international brands.

- **Telemedicine App**
    - o Leading the development of a mobile app focused on remote healthcare solutions using Flutter.
    - o Planning future expansion with AI-based health monitoring devices.

- **AI-Integrated Robotics Projects** o Developing a **voice-controlled, adaptive robot** using **Arduino Uno, Raspberry Pi 4, C++, and Python**.
    - o Working towards a **six-month timeline** to complete the functional model.

- **Anti-Rape Device**
    - o A small wearable device that sends emergency signals to the nearest phone, police, or army when a user feels unsafe.
    - o Aiming for cost-effective production and free distribution to women.

- **Health Guard**
  - an initiative where a bracelet is worn by individuals, allowing family members to track information and connect with doctors globally for specific diseases, accidents, and fall detection.
- **AI-Powered Budget-Friendly Smart Glasses for Vision Restoration**
  A non-invasive approach to image-to-brain signal processing, helping visually impaired individuals navigate more effectively.

Technical Skills

- Programming: C++, Python, Flutter
- Embedded Systems: Arduino, Raspberry Pi
- AI & Machine Learning Applications
- Web & Mobile App Development
- Cybersecurity Awareness & Ethical Hacking

Certifications & Achievements

- Recognized for **saving children from cyber misuse** through free AI & cybersecurity awareness camps.
- Recognized for Winning "Asia Best Tech Icon Award 2025"
- Participated in Robo Race, Aqua Race, Soccer **at IIT Patna (Celesta 2024)**.
- Organized multiple tech and aviation-related workshops, including an **RC Plane Building Workshop**.
- **Cyber Utsav 2024** – Lead Organizer of GoldenGate's First Hackathon
- **JEC Mela 2025** – Best Project Awarded by Deputy Speaker and BMW China Engineer
- **Global Participation** – IIT Patna Celesta, Locus 2025, Herald Tech Connect
- **Second Place** – Graphics Design Competition
- **Active Participation** – Youth Mental Health Campaign, Teachers' Day, Esports Tournament, Literature Fest

Leadership & Volunteering

- **Walkathon Program with Teach for Nepal (Children's Day Event)**
- **Organizer of E-Waste Awareness Events**
- **Leading International Sponsorship Discussions for Tech Events**
- **GoldenGate Idol S10**
- **GoldenGate Debate Competition**
- **GoldenGate Literature Fest**
- **AI Introduction event at Rotaract Club of Kathmandu North**

Languages

- English (Fluent)
- Nepali (Native)