

KUSHAL ADHIKARI

Undergraduate Computer Engineering Student



[Contact](#)



kushaladk18@gmail.com



[Portfolio](#)



Dharan, Sunsari



[LinkedIn](#)



[GitHub](#)

SUMMARY

Computer Engineering undergrad from Nepal with strong academic performance. Passionate mobile app developer skilled in developing engaging mobile applications using Flutter, applying data analysis with AI/ML and creating immersive experiences. Experienced in UI/UX design, ensuring intuitive and visually appealing user interfaces. Actively contributing to the tech community through hackathons, app publications, innovative projects and online presence on tech. Eager to explore innovative technologies and push the boundaries of interactive application development.

TECHNICAL EXPERTISE

- **App Development** : Flutter, Dart, Firebase, SQLite, Hive, Provider, Riverpod, REST APIs
- **AI / Machine Learning** : Python, NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Keras, OpenCV, HuggingFace, NLTK
- **Scripting & Automation**: Bash, Python, BeautifulSoup, Scrapy, Cron Jobs, CLI Tools, Rust (for systems scripting)
- **UI/UX & Designing**: Figma, Canva, Prototyping, Responsive Design, Flutter Animations
- **Backend Development (Rust)**: Rust, Rocket, PostgreSQL, SQLite, JWT, OAuth2, Async Programming
- **Tools & Platforms**: Git, GitHub, Docker, Nvim, Arch Linux, GitHub Actions

Establishing and following the unique #MobileXGameFlow strategy for building my technology career!

WORK EXPERIENCE

Campus Director Hult Prize On-Campus Program at IOEPC	NOV 2024 - MAR 2025
Content Curator ERC Research Center	AUG 2023 - JUN 2024
Technical Manager Hult Prize On-Campus Program at IOEPC	NOV 2023 - MAR 2024

EDUCATION

Computer Engineering | Bachelor | IOE Purwanchal Campus

Apr 2022 - PRESENT

- Address: Dharan-15, Sunsari
- Affiliation: Tribhuvan University, Nepal
- Concentration: Bachelor Level Computer Engineering

+2 Level Education | Science Faculty | Valmiki Siksha Sadan

JUL 2018 -OCT 2021

- GPA: 3.56
- Address: Bharatpur-4, Chitwan
- Affiliation: National Examinations Board, Nepal
- Concentration: High School Education (Grade 11 and Grade 12)
- Faculty: Science

Secondary Education Examination | SEE | Sun-Rise English School

Apr 2011 - Apr 2018

- GPA: 3.75
- Address: Bharatpur-4, Chitwan
- Affiliation: Government of Nepal, Ministry of Education
- Concentration: Primary to Secondary School Education (Grade 3 to Grade 10)

Primary Education | St. Xavier English School

Apr 2006 - APR 2010

- Address: Anandamargh, Chitwan
- Affiliation: Government of Nepal, Ministry of Education
- Concentration: Primary School Education (Nursery to Grade 2)

CERTIFICATIONS

Research Paper on “Suspicious Transaction Detection”

June 2025

- **Certification By:** Global IME Bank
- **Credential ID:** GIBL-1412371200

SoloLearn’s Python certification, "100 days Python "

June 2022

- **Certification By:** SoloLearn
- **Credential ID:** 1073-1093061

ACHIEVEMENTS

- WINNER | Hack-a-week 2025 | Pulchowk Campus | Ed-Tech Category
- WINNER | Hult Prize OnCampus Program 2025
- WINNER | DeerHack 2025 | Open-Innovation 2025
- 2nd Runner Up | Birat-Expo | Startup Hackathon

- Participant | Hult Prize Nepal National Competition | AIESEC Nepal
- Participant | GLOBAL IME BANK HACKATHON 2025
- Top 5 Finalist | ICT AWARDS 2025 | Rising Star Innovation

PROJECTS

tripSathi:

- **Description:** Fin-tech for tracking expenses among friends while on trip.
- **GitHub:** [tripSathi](#)
- **Maintenance Period:** FEB 2025 - (Not Maintained)

MindBridge:

- **Description:** An ED-tech platform for Dyslexic individuals focusing on providing assistance in reading through virtual motor integration techniques.
- **GitHub:** Not Open Sourced
- **Maintenance Period:** JAN 2025 - PRESENT
- **Awarded by:** Top 5 finalist of ICT AWARDS in Rising Star Innovation category, Hult Prize OnCampus program, Birat Expo startup hackathon and Hack-a-week Pulchowk Campus for best startup and innovation on Ed-tech.

Advance fraud detection AI system:

- **Description:** AI system that flags fraudulent activities occurring on banking and financial sectors using Multi-Model Voting system.
- **GitHub:** Not Open Sourced
- **Maintenance Period:** 2025 - (Not maintained)

MindGuard:

- **Description:** A personalized stress management ecosystem curated by Doctors for their PTSD patients
- **GitHub:** Not Open Sourced
- **Maintenance Period:** JUL 2025 - PRESENT
- **Awarded by:** Deer-Hack Hackathon for best innovation, Semifinalist of ICT AWARDS 2025 for Rising Star Innovation