

# Bablu Arya

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## Education

### Lamrin Tech Skills University, Punjab (Ropar)

Aug 2023 – Aug 2027

B.Tech. in Computer Science (Cyber Security specialization)

CGPA: 7.9/10

### Govt. Sardar Sr. School, Kotputli, Jaipur

Jul 2021 – Jul 2023

Percentage: 62.20%

## Projects

### YouTube Backend Project

Jan 2025 – Present

*Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, Multer, Cloudinary*

- Built a backend for a video-hosting platform: authentication (JWT access+refresh), video upload/publish, comments, likes, playlists, subscriptions, and watch-history.
- Implemented secure password hashing (bcrypt), token refresh flow, and protected routes for user/channel actions.
- Integrated Multer + Cloudinary for file uploads; designed REST APIs for users, videos, comments, playlists, subscriptions, and dashboard stats.
- GitHub: [github.com/khardiya/Youtube-Backend](https://github.com/khardiya/Youtube-Backend)

### WanderLust (Airbnb Clone)

Nov 2024 – Jan 2025

*Node.js, Express.js, MongoDB, Passport.js, EJS, Bootstrap, Radar.io, Cloudinary*

- Developed a rental platform for listing, browsing, and reviewing properties with authentication and CRUD operations.
- Features: image uploads, reviews/ratings, search functionality, and responsive UI.
- Integrated Radar.io for maps/geolocation and Cloudinary for media storage.
- Implemented input validation with Joi and secure session handling with Passport.js.
- Live: [wonderlust-sua1.onrender.com/listings](https://wonderlust-sua1.onrender.com/listings) — GitHub: [github.com/khardiya/MajorProject-WonderLust](https://github.com/khardiya/MajorProject-WonderLust)

### Portfolio Website

Jan 2025

*HTML, CSS, Bootstrap, JavaScript*

- Designed and deployed a responsive personal portfolio showcasing skills, projects, and education.
- Used Bootstrap and Font Awesome for modern UI; optimized for mobile and desktop devices.
- Live: [khardiya.github.io/Portfolio/](https://khardiya.github.io/Portfolio/)

## Certifications & Achievements

- Java Programming Masterclass — Udemy (Jun 2024 – Aug 2024)
- Full Stack Web Development — Apna College (Aug 2024 – Jan 2025)
- Data Structures and Algorithms (DSA) — Apna College (Jan 2025 – Jun 2025)
- Web Development Master — Udemy (2025)
- Secured **1 Position** in Skill/Cultural/Exhibition ER3 event at Yuva Kaushal Utsav 2k23, organized by LTSU Punjab and sponsored by Tata Technologies, IBM & Ansys (Nov 2023)

## Technical Skills

**Languages:** Java, Python, C++, SQL, JavaScript, HTML/CSS

**Frameworks:** Node.js, React, Material-UI

**Databases/Tools:** MongoDB, Mongoose, Git, VS Code, IntelliJ, Cloudinary

**Other:** JWT, bcrypt, Multer, REST APIs, Passport.js, Radar.io

**Core Subjects:** Computer Networks, Database Management Systems (DBMS), Operating Systems, Data Structures and Algorithms (DSA), Software Engineering