

# BIBEK YOGI

## Java Backend Developer

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### Summary

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Backend Engineer specializing in Java and Spring Boot with experience building scalable REST APIs, authentication systems, and real-time applications. Skilled in designing secure backend architectures, optimizing database performance, and developing full-stack applications using React and Tailwind CSS.

### Skills

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**Backend:** Java, Spring Boot, Spring Security, REST API Development, JPA/Hibernate  
**Databases:** MySQL, PostgreSQL, Oracle, SQL Server, Database Design, Query Optimization  
**Tools:** Docker, Git, GitHub, Maven, Postman, API Testing  
**Frontend:** HTML, CSS, JavaScript, React, Tailwind CSS, Bootstrap  
**Languages:** Java, C, C#, PHP

### Projects

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- **Expense Analytics Service** | *Java, Spring Boot, MySQL* Mar 2026
  - Built scalable REST APIs using Spring Boot for income and expense tracking with secure JWT-based authentication.
  - Designed optimized database schema and implemented role-based access using Spring Security.
  - Developed endpoints for category management, analytics dashboards, and filtered queries.
- **Samparka - Real-Time Chat Application** | *React, Spring Boot, WebSocket, MongoDB* Mar 2026
  - Developed real-time chat application using Spring Boot, WebSocket, and React enabling instant messaging.
  - Implemented JWT authentication, room-based architecture, and message persistence using MongoDB.
  - Engineered features like typing indicators, message actions (edit/delete/reply), and responsive UI.
- **Enterprise POS System** | *Java 17, Spring Boot, MySQL* Mar 2026
  - Developed real-time chat application using Spring Boot, WebSocket, and React enabling instant messaging.
  - Implemented JWT authentication, room-based architecture, and message persistence using MongoDB.
  - Engineered features like typing indicators, message actions (edit/delete/reply), and responsive UI.
- **Lakshya - AI Integrated LMS** | *MERN Stack, AI Tools* Jan 2026
  - Built full-stack learning platform using MERN stack with AI-based course recommendations.
  - Integrated Google OAuth authentication and Razorpay payment gateway.
  - Implemented scalable state management using Redux Toolkit.
- **GuruShishya E-Learning Platform** | *PHP, SQL, HTML, CSS, JavaScript* Feb 2025
  - Developed e-learning platform with authentication, course uploads, and video management.
  - Designed database schema and improved UI using modern frontend libraries.
- **Food Ordering System (Android App)** | *Java, SQLite* Dec 2025
  - Built Android-based food ordering system using Java and SQLite.
  - Implemented authentication and order management with local database storage.

### Certifications

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- Software Engineering Job Simulation – JP Morgan Chase & Co
- SQL Certification – HackerRank
- MERN Stack Certification – Udemy

### Workshops & Hackathons

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- 100x Nepal Hackathon – Team-based problem solving and rapid prototyping.
- React Training – Orchid International College.

### Education

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- **Bachelor of Computer Application (BCA)** Present  
*Orchid International College, Kathmandu*
- **Higher Secondary (+2) in Computer Science** 2020 – 2022  
*Bagmati Boarding Secondary School, Kathmandu*