

# Ravi Pandit

Java Developer

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🐱 [ravix2001](https://github.com/ravix2001)

## Education

- 2078(2022) - **Bachelor's in Computer Engineering**, *Purwanchal Engineering Campus, IOE, TU, Dharan, Nepal*  
Current
- 2077(2020) **Higher Secondary Education (Science)**, *Kantipur Secondary School, Biratnagar, Nepal*  
CGPA: 3.69 / 4.0

## Projects

- Journal Web App** A secure journal application built with a Dockerized Spring Boot backend (deployed on Render) and a React frontend (deployed on Vercel), featuring JWT-based authentication and role-based access control. Supports full CRUD operations for journal entries and scheduled background tasks using CRON jobs. Includes MongoDB integration for data persistence and comprehensive API documentation via Swagger. Designed and tested RESTful APIs for reliability using unit tests. **Live at:** <https://journal-psi-eight.vercel.app>
- E-commerce Web App** Developed an e-commerce web application using Java, Spring Boot, and MySQL, featuring user/seller registration, product management, shopping cart, order processing, and secure authentication with RESTful APIs.
- Job Portal Web App** Developed a full-stack job portal using Spring Boot, MongoDB, and Thymeleaf. Implemented RESTful APIs and dynamic web pages for posting, viewing, and managing job listings. **Live at:** <https://merojob.onrender.com>
- Sentiment Analysis Extension** Trained a model in a Sentiment Analysis Browser Extension project, which scrapes product reviews from e-commerce platforms like Amazon and Daraz, providing sentiment insights. I specifically trained a Logistic Regression model with TF-IDF to classify reviews into positive, neutral, and negative sentiments. Additionally, I deployed the extension on Firefox for seamless integration with user's browsing experience. **Live at:** <https://addons.mozilla.org/en-US/firefox/addon/product-review-insight>

## Technical Skills

- Languages** Java, Python, JavaScript, C, C++  
**Backend** Spring Boot, RESTful APIs, JUnit, Maven  
**Database** MySQL, MongoDB  
**Frontend** HTML, CSS  
**Tools** Git, GitHub, Docker, Render, Vercel, Postman

## Links

- GitHub** [github.com/ravix2001](https://github.com/ravix2001)  
**LinkedIn** [www.linkedin.com/in/ravipandit2001](https://www.linkedin.com/in/ravipandit2001)  
**Portfolio** [www.ravi-pandit.com.np](http://www.ravi-pandit.com.np)

## Objective

Aspiring backend developer with solid foundations in Java, Spring Boot, and API development. Seeking an opportunity to contribute to impactful backend systems and gain industry experience.