

# PUJAN SHRESTHA

+977(980) 343-0046 ◇ Gokarneshwor Kathmandu

GitHub: [github.com/puzaan](https://github.com/puzaan) GitHub: [gitlab.com/puzaan](https://gitlab.com/puzaan)

Email: [pujan.stha22@gmail.com](mailto:pujan.stha22@gmail.com) Portfolio: [pujanportfolio.web.app](https://pujanportfolio.web.app)

## OBJECTIVE

---

A dedicated and motivated Computer Science graduate with a strong passion for software development. I possess a robust understanding of back-end development, specifically in Java and Spring Boot. I have hands-on experience in the integration of third-party APIs, the management of databases, and the implementation of security features. My problem solving abilities, combined with a commitment to continuous learning and improvement, drive me to contribute effectively to organizational goals. With a track record of completing various projects, I am eager to leverage my technical skills and collaborative approach in a dynamic development environment.

## EDUCATION

---

BSc(Hons)Computing , Islington College	2016-2019
Java Spring-boot and MERN stack, Inventors Academy	2020

## SKILLS

---

Languages and Frameworks	Java, Spring Boot, JavaScript, HTML5, CSS, ReactJS, NodeJS
Databases	PostgreSQL, MongoDB, Redis
Tools	Intellij, Postman, Swagger, GitHub, GitLab, Confluence Jira
Libraries and Technologies	Auth0, JWT, Webhooks (QuickBooks), Material UI
Build Tools	Gradle, Maven

## EXPERIENCE

---

Java Backend Developer	Present
Everestwalk Groups	Basundhara, Kathmandu

- **Technologies Used:** Spring Boot REST API PostgreSQL.
- **Team Collaboration:** Atlassian Confluence (documentation), Jira (task management and task tracking), Git/GitLab (version control).
- **API Development:**
  - Managed invoices and financial operations with QuickBooks API.
  - Handled transactions and payment workflows using Authorize.Net API.
  - Implemented a cron job to check the expiration of the net term and send automatic email notifications to customers.
  - Calculated average sales and growth rate for business insight.
  - Implemented push notifications using Firebase Cloud Messaging (FCM).
- **Database Operations:** Wrote raw SQL queries for complex data operations, ensuring high performance and flexibility in database interactions.
- **Development Practices:** Followed a structured approach with Model, DAO, Services, and Controllers. Security: Auth0 was used for authentication and authorization.

Spring Boot Internship	2023
Inventor Academy	New Baneshwor, Kathmandu

- **Technologies Used:** ReactJS, Spring Boot REST API, PostgreSQL.
- **Team Collaboration:** Trello (task management), Git/GitHub (version control).

- **API Development:**

- Created REST APIs for attachment management (upload, download, and delete images).
- Developed CRUD APIs for product details and categories with pagination and sorting.
- Implemented hypermedia-driven REST web services using Spring HATEOAS.

- **File Handling:** Stored images with hashed names in organized directories. Managed deletion of images and directories.

- **Additional Features:**

- Logger for tracking the application's execution flow, monitor performance, debugging issues, and maintain an audit trail of significant events.
- Exception handling for smooth operation.
- PDF reports by converting HTML to PDF.
- Excel data import/export.
- Email notifications.

- **Security:** Implemented JWT for role-based authentication and authorization.

- **Testing:** Used Mockito framework, JUnit 5 for testing, and postman for API testing.

- **Database Operations:** Executed JPQL and Native Queries, custom API responses, and added data via queries.

- **Development Practices:** Followed organized structure with controllers, entities, DTOs, repositories, and services. Debugged and troubleshooted errors.

## PROJECTS

---

### Spring Boot Projects

- [BookHub](#)
- [Sunway Practice](#)
- [Micro Service Practice](#)
- [Student Management System](#)
- [House Rent Management](#)
- [Futsal Booking](#)

### MERN Projects (Achiever Groups, 2021 to 2022)

- **E-commerce Project:** Implemented authentication, item view by category, search, CRUD requests, and cart features using React, MongoDB, Node.js, and PayPal integration.
- **Achiever Groups:** Designed the UI using Material-UI, implemented state management with Redux, and developed the backend with MongoDB, Express, and Node.js
- **Doctalk Doctalk :** Enabled appointment booking, video calls, PDF prescription generation, and email sending. Used Material UI, Redux, MongoDB, Express, and Node.js.