

# Apsara Bishwokarma

Software Engineer

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## Education

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**Nepal College of Information Technology, Pokhara University**

*Bachelor's Degree in Software Engineering*

August 2019 – December 2024

## Skills

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- **Languages:** JavaScript, TypeScript, C, C++, HTML, CSS
- **Frameworks & Libraries:** React, Next.js, Tailwind CSS, Redux, Express.js, Mongoose
- **Testing:** Test-Driven Development (TDD), Unit & Integration Testing (Vitest, Jest), Playwright (End-to-End & API Testing)
- **APIs & Integrations:** Stripe, Plaid, REST APIs, Webhooks
- **Tools & Platforms:** Figma, Git, GitHub, Vercel, Postman
- **Development Practices:** Debugging & Troubleshooting, Responsive Design, Time Management, Team Collaboration

## Work Experience

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**TEJ Fellowship, Lalitpur**

*Software Consultant*

May 2026 – Present

- Applied Express.js, MongoDB, and Mongoose to build RESTful backend applications
- Implemented file upload functionality using Multer and integrated Cloudinary for cloud-based image storage and management
- Wrote unit and integration tests alongside feature development, using Playwright for end-to-end coverage of critical user flows
- Automated end-to-end and API testing with Playwright, covering user workflows, form validation, authentication, and API interactions
- Identified, reproduced, and reported bugs to validate application functionality before release

**Proventus Analytics, Richmond, Virginia**

*Associate Software Engineer*

March 2025 – April 2026

- Collaborated on RentMatrix, an AI-powered property management SaaS platform for property managers, vendors, owners, and tenants
- Developed and maintained frontend modules for lease management, listings, payments, and tenant onboarding using React.js, TypeScript, and Tailwind CSS
- Integrated Stripe for payment processing and Plaid for secure bank account verification, improving payment flow efficiency
- Wrote Vitest unit tests for form validation and payment logic in RentMatrix's frontend, catching edge cases before QA handoff
- Partnered with backend and QA teams to ensure seamless API integration and consistent UX across devices
- Mentored interns in React and Next.js, supporting them in building production-ready features

## Suvaye Technology, Lalitpur

Junior Frontend Developer

December 2023 – September 2024

- Built the frontend for Eureka, a responsive landing page for a global study-abroad consultancy platform
- Designed interactive, visually engaging sections for university selection, scholarships, and visa assistance services
- Implemented seamless navigation, advanced search and filtering, and consistent UI patterns to improve user experience
- Collaborated in agile sprints, assisting senior developers with reusable components and UI workflow improvements

## Projects

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### RentMatrix, Property Management System



- Built an AI-powered platform optimizing workflows for property managers, tenants, vendors, and owners
- Contributed frontend features for property listings, tenant applications, lease management, and maintenance coordination
- Wrote Vitest unit tests covering form validation and payment logic

### Eventio, Event Management Platform



- Contributed as UI Developer on event creation, publishing, and staffing workflows
- Built features for ticket booking, seat mapping, in-app chat, and kanban-based task coordination
- *Additional stack: TRPC, Prisma ORM, Node.js*

### Consultancy-Eureka, Study-Abroad Consulting Platform



- Built the frontend as sole Frontend Developer for a study-abroad consulting platform serving students across Nepal
- Implemented university selection, scholarship, and visa guidance sections

### ShopHub, E-commerce Website



- Contributed as Frontend Developer on an all-in-one e-commerce platform spanning clothing, jewelry, and electronics
- Built a user-friendly interface with seamless navigation across product categories

## Professional Reference

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### Rushil Shakya, CEO, Tej Fellowship

Mentor and Technical Lead

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