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FULL STACK DEVELOPER

Motivated BSc. CSIT graduate with hands-on experience building secure, scalable web apps in Django REST, ASP.NET, and modern frontends (React.js, Knockout.js). Track record shipping features, reducing defects, and improving developer workflows on government-scale systems (SSF Nepal).

SUMMARY OF QUALIFICATIONS

- 1+ year full-stack experience with Django REST + React; added ASP.NET services on large claims/reconciliation modules.
- Promoted from Backend Intern → Junior Backend Developer based on performance.
- Strong grasp of API design & security, database modelling, and enterprise data workflows.
- Experience on government-level systems (SSF Nepal) handling sensitive financial data.

Technical Skills

Backend: Django, Django REST Framework, ASP.NET

Frontend: React.js, Knockout.js, HTML5/CSS3, JavaScript

Database: SQLite, Oracle (PL/SQL)

Tools/Practices: Git/GitHub, Postman, VS Code, Agile/Scrum, RESTful APIs, CI/CD (basic), Linux

EXPERIENCE

Junior Backend Developer (previously Backend Intern) — Tinker Technologies, Kathmandu, Nepal

Feb 2025 – Present

- .NET (Claims Processing – SSF Nepal): Fixed critical defects in claims workflows (status transitions, duplicate payouts, resubmission edge cases).
- Knockout.js Frontend (Operations Console): Implemented interactive claim detail/verification views (observables, computed values, async bindings) with bulk approve/reject, form validation, inline errors, and resilient API wiring (loading states and toasts). Refactored into reusable KO components to cut duplication and improve maintainability.
- Oracle + UI Integration: Updated a high-usage Oracle query to return additional fields; surfaced the new fields in the Knockout.js UI (view-model updates, bindings, and display logic) to support richer operator decision-making.
- Reconciliation System: Led design and tuning of database schemas for high-volume financial data. Built API services to parse, validate, and persist thousands of bank/ledger records per run, and implemented fast reconciliation routines with clear exception handling and auditability.
- Django/DRF (Claims Platform): Delivered claims processing services in Django REST Framework with a role-based authorization model (e.g., initiator/recommender/approver roles) and granular permissions; implemented core CRUD, authentication, and reporting endpoints used across operations.
- Security & Compliance: Applied least-privilege data exposure, role-based access, and

audit logging patterns for sensitive SSF data across services.

KEY ACHIEVEMENTS

- Helped process over 50,000 SSF financial records through the reconciliation system.
- Reduced manual verification time by 40% via automated bank record APIs.
- Designed a flexible schema structure to support multiple claim types and future modules.

PROJECTS

Smart Park (React Js + Django)

- Built a full-stack smart parking system enabling real-time slot allocation and automated fee calculation.
- Integrated license plate recognition to enhance accuracy of car identification.
- Designed backend logic for real-time slot assignment and fee computation, improving overall user experience.

Food Recipe Project (ReactJs)

- Developed a recipe search application with real-time API integration.
- Implemented protected routing using react-router-dom and designed modular components for seamless usability.

Sign Up form (plain HTML and CSS)

- Designed and implemented an interactive sign-up form with validation and password confirmation.
- Applied creative theming to enhance user engagement.

EDUCATION & CERTIFICATIONS

BSC. CSIT (8th Semester)

St. Lawrence College, Kathmandu

High School

Trinity International College,

Kathmandu **SEE**

Texas International School, Kathmandu

EXTRACURRICULAR ACTIVITIES

Mastercard Cybersecurity virtual experience program on Forage - May 2024. Here is my [certification](#).

API Security Fundamentals. Here is my [certification](#).

Blogs

Checkout my [blogs](#).