Aman Shakya
Software Developer

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https://github.com/amanshakya912

About Me

I am an enthusiastic, ambitious and diligent software developer with a strong background in web and mobile application development who is consistently seeking opportunities to learn and develop skills and knowledge. Skilled in React, Next.js, Django, Laravel, and Flutter, with strong expertise in API integration, backend services, and DevOps practices. Enthusiastic about creating secure, scalable, and user-centric applications with continuous learning and adjusting to new technologies.

Experience

JULY, 2025 – PRESENT

Software Developer | Green Tick Nepal Pvt. Ltd.| Kathmandu, Nepal

- Maintained and enhanced the Dark Web Monitoring (DWM) website, implementing new features and improvements for better performance and usability.
- Deployed and added new functionalities to the DWM mobile application, further enhancing the app's capabilities using Kotlin.
- Identified and fixed security vulnerabilities reported through VAPT, strengthening application and website security.

MARCH, 2025 - JULY, 2025

Software Developer Intern | Green Tick Nepal Pvt. Ltd.| Kathmandu, Nepal

- Developed and integrated REST APIs using Django, handling database interactions and connecting backend services with a Next.js frontend.
- Upgraded and maintained the Dark Web Monitoring (DWM) website, improving functionality and performance.
- Built a cross-platform mobile application for the DWM system using Flutter, enhancing accessibility for users.
- Created dark web monitoring reports to detect and analyze potential breaches for specified domains.

Projects Involved at Green Tick Nepal Pvt. Ltd.

- **GKAVACH DWM WEBSITE**
  Dark Web Monitoring website built using Django and Next.js
  https://dwm.gkavach.com/

- **GKAVACH DWM MOBILE APPLICATION**
  Dark Web Monitoring mobile application built using flutter

https://play.google.com/store/apps/details?id=com.gkavach.gkavach_dwm

OCTOBER, 2023 - NOVEMBER, 2024

Software Developer | Outlines Research and Development Pvt. Ltd. | Lalitpur, Nepal

- Development of various websites using React, JavaScript, TypeScript, Tailwind CSS, Bootstrap
- Development of e-commerce website using Shopify
- Integrating Jitsi Meet API in React Projects
- Migrating React JS applications to Next JS application
- Development of dynamic websites and RESTful APIs using Laravel framework
- Involvement in AI Projects for face detection and object detection

MAY, 2023 - OCTOBER, 2023

Frontend Developer Intern | Outlines Research and Development Pvt. Ltd. | Lalitpur, Nepal

Frontend Developer Intern starting with HTML, CSS and JavaScript, and then transitioning to React with TypeScript and JavaScript using Bootstrap and Tailwind CSS

Projects Involved at Outlines Research and Development Pvt. Ltd.

- **LION'S CLUB**
  A social club website developed using React and Laravel.
  https://ktmudaya.org/

- **SIDDHARTHA CABLE CAR**
  Website for Siddhartha Cable Car built in Laravel framework
  https://siddharthacablecar.com.np/

- **HOPE FERTILITY & DIAGNOSTICS**
  Doctor booking and appointment website built using Next.js and Laravel.
  https://hopefd.com.np/

- **PATAN MUSEUM FESTIVALS CALENDAR**
  Festivals Calendar website built using React
  http://www.patanmuseum.gov.np/museum-calendar/

- **SAATHI TEACHERS PROGRAMME**
  Website for HELP's Saathi initiative built using the Laravel Framework
  https://saathi.help.org.np/

Education

2082
Bachelors of Science in Computer Science and Information Technology
Academia International College, Gwarko, Lalitpur

2077
+2 in Science

St. Xavier's School, Jawalakhel, Lalitpur

2074
S.E.E
Innovative English School, Buddhanagar, Kathmandu

Skills

PROGRAMMING LANGUAGES

JavaScript, TypeScript, PHP, Python, Dart, Kotlin

FRAMEWORKS & LIBRARIES

React, Next.js, Node.js, Express.js, Laravel, Django, Flutter, React Native, Electron, Vendure

FRONTEND DEVELOPMENT

HTML, CSS, Bootstrap, Tailwind CSS

DATABASES

PostgreSQL, MySQL, SQLite, MongoDB, Redis

DevOps & Infrastructure

Git, Docker, GitHub Actions (CI/CD), Nginx, Celery

TOOLS & PLATFORMS

Shopify, Postman, MS-Office

ADDITIONAL SKILLS

API Development, Threat Intelligence

Personal Projects

ONLINE AUCTION SYSTEM WEBSITE

Development of an online auction system using MERN stack implementing price prediction algorithm

https://online-auction-system-tjot.vercel.app/

https://github.com/amanshakya912/online-auction-system

ONLINE AUCTION SYSTEM MOBILE APPLICATION

Development of an online auction system app using React Native with TypeScript

https://github.com/amanshakya912/oas-app