

# Nobel Dahal, Software Developer

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## LINKS

[linkedin.com/in/coderkoala](https://www.linkedin.com/in/coderkoala), [quora.com/profile/Nobel-Dahal](https://www.quora.com/profile/Nobel-Dahal), [nobeldahal.com.np](https://nobeldahal.com.np), [github.com/coderkoala](https://github.com/coderkoala)

## PROFILE

Software Development adept specializing in Full-Stack. Well-versed with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects.

## EMPLOYMENT HISTORY

Jan 2020 — Present

### Remote Freelance Software Engineer, Fiverr

Kathmandu, Nepal

Helped small and big business alike setup their presence in the web, and tackle business problems using solution driven, scalable web applications. 200+ satisfied Clientele(many repeat), ranging from custom mobile/web applications, as well as automation programs.

Oct 2020 — Feb 2021

### Software Engineer, Proshore

Kathmandu

- Forked Exportfeed Web Application and modified it into a standalone PWA for a new Shopify vendor application - Affiliatefeed Shopify App ([affiliatefeed.exportfeed.com](https://affiliatefeed.exportfeed.com))
- Introduced code refactoring and new feature requests fulfilled within the Joomla MVC Paradigm
- Drove for some changes in test driven development within programming practices.
- Led Software Development Life Cycle for Affiliatefeed, including company-wide demos.

May 2020 — Apr 2021

### MS Dynamics 365 Software Engineer, United Real Estate

Kathmandu

Worked as a freelancer software development for design, customization and deployment of Microsoft Dynamics CRM 2015 Online.

- Customized Microsoft Dataverse entities for required custom fields. Migration of old data from Zoho CRM.
- Introduced Automation via MS Power Apps, and MS Flow services for automated email, notifications, and auto card creation in MS Planner.
- Created migration tool that allowed importing Existing volume of documents from zoho's file repository to MS Sharepoint.
- Wrote a microservice API server in NodeJS that consumed Dynamics CRM 2015 Web API interface via Azure Active Directory Service.
- Allowed for polling multi-million agent records for location, computing the data with any given Lead, then rendering a map that showed all results in a matter of seconds.

Jun 2020 — Nov 2019

### Wordpress Developer, ThemeGrill Pvt. Ltd (WPEverest)

Kathmandu

- Contributed to WPEverest Inc. Projects, namely User Registration(UR), Everest Forms(EVF), and their premium addons(EVFP).
- Was responsible for complete refactoring and overhaul of EVF PDF Submission Addon : Specialized in reducing PDF render times by half at least. Reduced plugin weight from 12MiBs down to 5.6MiB by micromanaging and selective loading of woff font assets.
- Was responsible for base addon(EVF) code refactor with new features for introducing action hooks for better functionality to both dependent addons, and end users.
- Found and patched a major File upload validation bypass bug for EVFP Addon (v1.7).
- Found and patched out a minor validation vulnerability in email field for the base EVF.

Jul 2019 — Nov 2019

### Software Engineer, Gurkha Technology Pvt. Ltd

Kathmandu

- Development of backend for Presidential Business School's EMS system. Duties: CRON job management for email, VMS system interaction with EMS by consuming REST API.
- Was responsible for automating the rendering of a unique, randomized question paper for MBA/BBA Entrances for PBS EMS.
- Came up with an automated data seeder for the aforementioned EMS that scraped close to 17k questions in a matter of days from sites like indiabix. Reduced human intervention from an entire team to a single intern.
- Was part of the 2 man squad for developing nimbusnepal.com website, including its backend CMS(to be Gurkhatech's internal CMS built on top of Laravel). This included pioneering a new applicants management and tracking system.



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## EDUCATION

2014 — 2018	<b>Bachelor's in Engineering, Himalaya College of Engineering</b> <div>Chyasal, Lalitpur</div> <div>Activities and societies: Game Development, Basketball, FOSS Nepal Volunteer, Himalaya Electronics and Computer Club (HECC)</div>
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## SKILLS

PHP(Laravel/Phalcon/Wordpress), Node.JS, Python (Django)	Javascript/Vue.JS 3/jQuery/Bootstrap
MySQL/TSQL/PostGRE/PLSQL	DevOps & CI/CD
C#(ASP.NET/MS Dynamics)	Testing

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## LANGUAGES

Nepali	Native speaker	English	Good working knowledge
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## COURSES & CERTIFICATIONS

Dec 2021 — May 2022	<b>Data Science Fellowship, Code for Nepal</b>
Feb 2022	<b>Data Analysis and Development (T-SQL), DataCamp</b>
Feb 2022	<b>SQL Server for Database Administrators, Datacamp</b>
Dec 2021	<b>Intermediate PostgreSQL, University of Michigan</b>
May 2021	<b>Advanced Node.js: Scaling Applications, LinkedIn</b>

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## REFERENCES

References available upon request

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## EXTRA-CURRICULAR ACTIVITIES

2020	<b>Speaker, Google Developer's Group, Dang</b>	Dang
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## INTERNSHIPS

Nov 2018 — Feb 2019	<b>Intern, The Open Institute</b> <div>Lalitpur</div> <ul style="list-style-type: none"><li>Apprenticed under Dr. Peter Graif contributing on open source projects ERPNext, and Zulip.</li><li>Learnt industry standard S/w Engineering, SVN and DevOps</li><li>Digital Ocean - Droplet management/Deployment - Linux Administration</li></ul>
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