

Bipin Thapa

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EDUCATION

- **National School of Sciences** Lainchaur, Kathmandu
Computer Science Aug. 2016 – Dec. 2018
- **Islington College - London Metropolitan University** Kamalpokhari, Kathmandu
BSc. (Hons) Computer Networking and IT Security Aug. 2022 – Dec. 2025

EXPERIENCE

- **Web Developer Intern** July 2018 – Dec 2018
Vines Software Innovation Company(VSIC) Gongabu, Kathmandu, Nepal
 - **Roles:** Assisted senior developers in turning the figma designs into working web page
- **Freelance Web Developer** 2019 - Present
Freelance
 - **Role:** Worked on freelance web development projects like gamemandu, icartnepal, rural.ao,cashkar, etc.
- **Fullstack Web Developer and Tech Lead** Oct 2020 – Jan 2022
Nest Nepal Business Solutions Pvt Ltd Kathmandu, Nepal
 - **Backend Role:** Primarily worked as back-end developer in a MERN stack project to deliver a comprehensive beta platform for auditors and financial agency to manage their clients and related workflow all online, helping them save more than 1 hour daily by cutting all manual paper works and physical document delivery.
 - **Feature Upgrade and Project Lead:** Delivered features like managing multiple clients, and simplified 1 to 1 communication between client and auditors with in-built messaging/emailing and notification system using REST APIs for front-end engineers to work on, resulting in 7 % increase in client retention rate for the agency.

PROJECTS

- **Audit Management System - IMS:** CRM for Audit Firm to manage their clients and respective audit reports.
- **AMC - Academic Website:** A Dynamic Full Stack Website for an academic institution that can be used to feature information about the college, faculties, Notices as well as other necessary documents like Syllabus and Results.
- **PortScanner:** Python based Network Portscanning tool
- **Open Source IPO Apply Automation Tool:** Python Selenium based IPO application Automation tool
- **Open Source NextJs Portfolio Website:** Static Portfolio Website Designed and Developed using Bootstrap and NextJs
- **WP Theme Detector API:** Wordpress website theme and plugin analyzer API made with NestJs and cheerio
- **WPDOWN - WP Theme Detector Website:** NextJs based frontend for the self made WP theme detector API
- **BulkShare:** React Based Fully Responsive Web App with Client Side Storage for Bulk IPO Share Application.
- **MORE PROJECTS:** Many other Projects that I have completed can be found at <https://bipinthapa101.com.np/projects>

SKILLS

Languages: Javascript, TypeScript, Python, SQL, MongoDB, HTML/CSS, Bash, Assembly Language
Frameworks/Library/Skills: ReactJS, NestJS, NextJS, Django, FastAPI, Strapi, REST-API, Micro-Services, Redux, Context, NodeJS, Docker, Kubernetes, MatterJS, ExpressJS, Google Cloud Computing, Adobe PS, AWS, SEO
Tools: Git Version Control, VS-Code, PyCharm, BurpSuite, Postman, Ghidra, Figma, Balsamiq,
Operating Systems: Windows, Linux, Mac OS

AWARDS AND INVOLVEMENT

Founder — Tech Phantoms IT Club

Speaker — Asian hack 2022

Content Writer — <https://blog.bipinthapa101.com.np>