Aman Lama

Product Manager | Full Stack Engineer

Business Engineer with over 5 years of experience in Web Application Development and Product Management within a startup ecosystem. A majors in Natural Language Processing, complex problem-solver with an analytical and driven mindset. Experienced in managing multiple international products for Nepal, India, and Australia. Committed to achieving demanding development objectives under tight schedules while producing impeccable code.

Contact

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Websites, Profiles

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Skills

- Project Management
- Team Leadership
- Startup Operations
- Market Research
- User Experience (UX) Design
- Agile Methodologies
- Stakeholder Management
- Cross-Functional Collaboration
- Communication
- Next Js
- Vercel
- HTML
- CSS
- Three Js
- Solidity
- MongoDB
- MySQL
- Firebase
- React Js
- TypeScript
- Python
- Ollama
- Postgres
- Prisma

Languages

Nepali: Native Language

English: Proficient

Hindi: Proficient

Certifications

General Engineering License (Class A), **Nepal Engineering Coulcil**, 2021-10-01, **8659**

Academic Projects

- Research Project, Internship - **Detection of Road Data from Satellite Images** , I researched and implemented a Satellite Image Processing system using Python, which processed images with Geo JSON data, detected roads and mapped the data into Leaflet.
- Research Project, Final Year - **Home Automation with Face and Mood Detection** , We researched and developed a Raspberry Pi model which let users unlock their door with our face recognition system. The face recognition also worked as mood detection that helped our system to control ambient lighting and music based on your mood.
- Research Project, 5th semester - **Library Management System** , We researched and developed a library management system using Java for both desktops and Androids. We later developed a Web version using React Js for our university

Work History

2019-08 - Current

Freelance Full Stack Developer
Various Clients, Remote

- Collaborated with clients to define product vision, strategy, and roadmap, conducted user research, gathered requirements, and translated them into actionable product plans, led cross-functional teams to deliver high-quality products on time and within budget, conducted market analysis and competitor research to identify growth opportunities.
- Designed and implemented scalable application programming interfaces.
- Enhanced software functionality by implementing full stack solutions for various projects.
- Built multiple system application for organizations to collect data and visualize those financial data in their dashboard.
- Built a customer support chatbot SaaS that uses AI models like llama3, chatGPT 4o and chat GPT 3.5 Turbo to power the contextual data for the bot which can be easily integrated into any website.

2019-01 - Current

Product Manager | Startup Owner
Aman tech, Kathmandu

- Successfully launched and managed multiple products, including: onboarding 100+ companies and 6000+ users within 6 months of launch, securing partnerships with three major construction companies and managing over 3000+ assets, collaborating with international companies to overcome data ownership conflicts.
- Coordinated with design and media teams to develop high-quality creative assets.
- Wrote and distributed press releases to increase brand visibility.
- Conducted market research to identify new opportunities and target markets.
- Managed full product life-cycle, from ideation through post-launch support, ensuring consistent quality control measures were in place.
- Worked with SSD-Tech to provide them audio recording for IVR system used by Nepalese in countries like Malaysia and Singapore to use thier credits to buy packages within Ncell network for their families.
- Worked with Kathmandu Living Labs in collaboration with Kothay Maps to develop a 3D digital map of Nepal using OSM data.
- Worked with ADN Technologies Limited, Bangladesh to provide leading SMS and web server services for universities in India.
- Tested GPS hardware in Nepal for companies like CAB Constructions and Kalika Constructions to provide VMS with Fuel analytics and various other custom analytics.
- Worked with Webstar Technologies India to provide leading outsourcing services for custom software development.
- Worked with Audra.io, a leading AI based Firewall and router parental control providers to provide consultation on Nepali and Indian market in support of Dotlines group.

2023

Intern- Business Engineer | Supply Chain
Designers Carpet, Kathmandu Nepal

- Automated the Client, manufacturing and export tracking system for more timeline transparency.

2019

Intern- Software Engineer
Monico Technologies Limited, Bangladesh

- Build various functionalities for products like Finder, Conveyance, Shodai, Kothay Maps and Brick Box

Education

Expected in 2024

MBA : Global Business
South Asian Institute of Management - Kathmandu, Nepal

- Member of SAIM Toastmasters Club, 2021 to Present.
- Vice President - Public Relations, SAIM Toastmasters Club, 2022 to Present.
- Public Relations Manager, Area D1, District 41, Toastmasters International, 2022 to 2023.
- Organized one of the biggest educational club focused debate competition under Toastmasters International in Area D1, District 41, with over 20 institutes participating and over 12 sponsors titled "D1 Talks" in 2023.
- Organized multiple events with Toastmasters and SAIM College, like SAIM's Got Talent, and various international training workshops in Kathmandu.

2020

Bachelor of Technology in Computer Science and Engineering
University of Engineering and Management - Jaipur, India

- Majored in NLP and Image Processing.
- Completed course work on C, C++, C#, Java, PHP, Xilinx, Shell script.
- Completed various projects using Python, Node and React.
- Part of various chapters and clubs within college and various other universities.
- Course on **Software Engineering** , **National Programme on Technology Enhanced Learning (NPTEL)** , **IIT** -2018.
- Course on **Programming, Data Structures and Algorithms using C** , **National Programme on Technology Enhanced Learning (NPTEL) , IIT** -2018.
- Course on **Short Fiction in Indian Literature** , **National Programme on Technology Enhanced Learning (NPTEL) , IIT** -2018.
- Course on **Python Programming**, New Horizons Computer Learning Center, Nepal - 2019
- Course on **Advanced JAVA Programming**, New Horizons Computer Learning Center, Nepal - 2017