

# Ayush Timalcina

## Product Engineer

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I am a Product Engineer with a diverse skill set and a proven track record in data analysis, engineering, and quality assurance. With experience in both cloud-based solutions and application development, I excel in leveraging technology to solve complex problems efficiently. Currently, I serve as a Product Engineer at Varicon, an Australian company that delivers a civil construction cost management platform for clients. My expertise spans various programming languages and frameworks, including JavaScript, ReactJS, Python, and Django. Additionally, I possess strong communication and leadership skills, honed through my professional experience and educational background. Holding a Bachelor's degree in Computer Applications from Tribhuwan University and complemented by management studies, I bring a well-rounded skill set to any team. Furthermore, I have a solid understanding of testing methodologies and experience in quality assurance practices, enhancing my ability to deliver robust and reliable software solutions

## EXPERIENCE

### Owner / Management

Kathmandu

*Pujamandu*

Nov, 2019 - Present

- Spearheaded the ownership and development of Pujamandu, a comprehensive B2C e-commerce platform specializing in Hindu religious products and equipment.
- Led the end-to-end development process, from conceptualization to launch, ensuring a seamless and user-friendly online shopping experience.
- Designed and developed the website, integrating secure payment gateways and optimizing for mobile and desktop users.
- Implemented effective SEO strategies to enhance online visibility and attract a wider audience.
- Managed online marketing campaigns, utilizing social media, email marketing, and other digital channels to drive traffic and increase sales.
- Analyzed user behavior and feedback to continuously improve website functionality, user experience, and product offerings.
- Coordinated with logistics partners to ensure timely and accurate delivery of products to customers.
- Maintained comprehensive product listings with detailed descriptions, high-quality images, and competitive pricing.

### Product Engineer

Melbourne, Australia

*Varicon*

Dec, 2021 - Jun, 2024

- Contributed and maintained key components of Varicon a civil construction cost management platform
- Implemented advanced features in custom forms, timesheet management, site diary management, and daily cost tracking systems.
- Managed development tasks and project workflows using Jira, ensuring timely completion of deliverables and effective collaboration across teams.
- Conducted thorough testing and quality assurance for all developed features, identifying and resolving bugs and performance issues to maintain high software standards.
- Collaborated with cross-functional teams, including project managers, designers, and QA engineers, to ensure cohesive and high-quality product development.
- Provided technical support and training to users, helping them leverage Varicon's features effectively and addressing any technical challenges.

## EDUCATION

### S.L.C

Kathmandu

*Kathmandu Int'l School*

Apr, 2002 - Apr, 2016

### Management

Kathmandu

*Ambition Academy*

Jul, 2016 - Apr, 2018

### Bachelor in Computer Applications

Kathmandu

*Tribhuwan University*

Nov, 2018 - Nov, 2023

## PROJECTS

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### 1. Custom Form / Varicon (Organization Confidential Project)

- Engineered a versatile custom form builder to facilitate the creation of dynamic forms tailored to specific project requirements.
- Integrated advanced features such as conditional logic, data validation, and customizable templates, enabling teams to create and deploy forms efficiently.

### 2. Timesheet / Varicon (Organization Confidential Project)

- Contributed to the development of a comprehensive timesheet management system to automate time tracking and reporting processes for employees across departments.
- Implemented features for real-time monitoring of project hours, task allocation, and reporting functionalities, resulting in improved accuracy and productivity.

### 3. Site Diary Management / Varicon (Organization Confidential Project)

- Contributed to the development of a streamlined site diary management system to record and track daily activities, progress updates, and important events on construction sites.
- Integrated features for capturing multimedia content, generating reports, and facilitating communication among stakeholders, enhancing transparency and accountability.

### 4. Daily Cost Tracking System / Varicon (Organization Confidential Project)

- Contributed to implementing a comprehensive daily cost tracking system to monitor project expenses and expenditures in real-time.
- Assisted in designing workflows for capturing daily costs including labor.

### 5. Pujamandu / Ownership & Development

- Spearheaded the ownership and development of Pujamandu, a comprehensive B2C e-commerce platform specializing in Hindu religious products and equipment.
- Led the end-to-end development process, from conceptualization to launch, ensuring a seamless and user-friendly online shopping experience.

<https://pujamandu.com/>

## SKILLS

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Communication, TypeScript, Javascript, ReactJS, Python, Django, Material UI, HTML & CSS, Leadership, Jira | Agile |, Software quality assurance, Project and Time Management Skills

## LANGUAGE

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Nepali, English, Hindi