

PERSONAL INFORMATION



Prashil Raj Shrestha

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Sex Male | Date of birth 03/03/1999 | Nationality Nepalese

APPLIED FOR Design and Production Officer

EDUCATION

2015-2019 Bachelor's in Mechanical Engineering (Design and Manufacturing)

Kathmandu University, Kavre, Nepal

Completed with 3.21 CGPA

2013-2015

High School

National School of Science and Technology (NIST), Kathmandu, Nepal

Completed with 77.1%

EXPERIENCE

2019 Pro-Mech Minds and Engineering Solutions Pvt. Ltd.

Work as a CAD Designer for 3 months

Completed a project on 'Food Packaging and Its Delivery using Biodegradable Material (like sugarcane bagasse)'.

PERSONAL SKILLS

Mother tongue(s) Nepali

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	B2	B2

Levels: A2: Basic user – B2: Independent user – C2 Proficient user

Communication skills

- Good Presentation skills developed while working with e-Nable Nepal while developing prosthetic arm.
- Fluent in written and verbal communication in Nepali, English and Hindi

Organisational / managerial skills

- Good leadership skills developed while working at e-Nable Nepal
- Good organisational skills developed while working at AMES

Job-related skills

- Experience in using CREO Parametric, Solidworks, Fusion 360, ANSYS, ProCAST and AutoCAD
- Basic on C, C++, MATLAB and Python
- Knowledge in CNC

Digital skills

- Good command of office suite (word processor, spread sheet, presentation software)

Other skills ▪ Carpentry, Welding and Riveting, Lathe and Milling machine

ADDITIONAL INFORMATION

Projects	<ul style="list-style-type: none"> • Design, Modification, Fabrication And Implementation Of Mechanical Multi-Hand Mold Briquette Key (2015-2016) Published on PEEDA Magazine • Design and Fabrication of Laboratory Scale Combustion Dryer (2016-2017) • Manufacturing Process Of Model Francis Turbine Runner For Laboratory Testing Application using Python (2017-2018) • FOOD PACKAGING: Delivery, Material, Shape and its Manufacturing Process for Mass Production (2018-2019) • Casting Simulation of 92kW Francis Turbine Runner (2018-2019)
Workshop	<ul style="list-style-type: none"> • Workshop on 3D CAD modelling using Solidworks (organized by Kathmandu University, supported by University Grant Commission Nepal from 15th -22nd June,2018) • Workshop on 3D CAD modelling using CREO • Attended five days ANSYS training program organised by AMES (Association of Mechanical Engineers)
Memberships	<ul style="list-style-type: none"> • AMES (Association of Mechanical Engineers) • KURC (Kathmandu University Robotics Club)
Certifications	<ul style="list-style-type: none"> • 3D Model Creation with Autodesk Fusion 360 by Autodesk in Coursera (Specialization) • Programming for Everybody (Specialization) by University of Michigan in Coursera
References	<p>Dr. Bhola Thapa Professor, Department of Mechanical Engineering Kathmandu University Kavre, Nepal Email: bhola@ku.edu.np Phone: +9779801370065</p> <p>Er. Pratisthit Lal Shrestha Assistant Professor ,Department of Mechanical Engineering Kathmandu University, Kavre, Nepal Email: pratisthit@ku.edu.np Phone: +977-9843535257</p>

ANNEXES

- PEEDA Magazine (Page: 43) (https://peeda.net/wp-content/uploads/2016/11/EnergyInsight_Volumelll.pdf)
- **Coursera Certificates**
<https://www.coursera.org/account/accomplishments/certificate/5XW5HQGY5592>
<https://www.coursera.org/account/accomplishments/certificate/KPWZUBWZTAV5>