

Curriculum Vitae

Mr. KHUM PUN, MSc. (Energy systems)

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Date/place of birth: 27th November 1985 / Salyan, Nepal



Objectives

I am a young and motivated person and looking for a challenging career in web development. Being a fast learner and always seeking challenging tasks throughout my career, I have gathered experience in full-stack web development by practicing and self-teaching multiple standard programming languages. Regardless of my educational background, I have pushed myself out of box into different profession and developed a strong understanding of aesthetic and design principals of web development as well as excellent trouble shooting and bug resolution abilities. I always try to use critical thinking and problem-solving skills in any tasks provided in order to reach the target set.

Education

Master of Science (Energy systems) (GPA: 2.6) 2015

Aachen University of Applied Sciences (FH Aachen), Jülich, Germany

Dissertation: Designing and testing of a control and data acquisition system for a building heating system using LabVIEW programming and NI hardware devices

Skills gained: LabVIEW programming, data acquisition and control system

Bachelor of Science (Industrial Engineering) (Grade: 79.18%) 2010

Tribhuvan University, Institute of Engineering, Kathmandu, Nepal

Dissertation: Production optimization and forecasting using operation research techniques

Skills gained: Profit scenario simulation, sales forecast and inventory control techniques, MS Excel

Work experience

Web Developer/Owner (self-employed): 2017 – 2019

Currently working on full-stack development of an online business portal (www.closingshops.de) using Python – Django framework with extensive use of CSS, JavaScript, Bootstrap and Html

Visiting Lecturer 2015 – 2019

Conducted lecture series on Renewable Energy topics for Bachelor in Industrial Engineering course in Tribhuvan University, Institute of Engineering (IOE), Kathmandu, Nepal, as a visiting lecturer.

Industrial Engineer 2010 - 2011

Hulas Steel Industries Limited, Kathmandu

Major tasks:

- Designing and drafting of hydro-mechanical components for Kulekhani-III hydroelectric construction project (14 MW) in Makwanpur District, Nepal.
- Design & Construction management of transmission & distribution system of small hydroelectric projects (up to 90 kW) in three different project sites of Nepal.

Student Trainee

2009 - 2010

Small Hydropower Promotion Project (SHPP) supported by Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ), Kathmandu, Nepal

Major tasks:

- Survey of small scale hydropower construction sites and preparation of technical feasibility reports.
- Making a software model to calculate design parameters of small hydro-electric systems based on Microsoft Excel and Oracle Crystal Ball tool.

Computer skills

- Fundamental programming skills on Python, Django, Html and CSS
- Professional expertise in LabVIEW, AutoCAD, MATLAB and MS Office tools
- Knowledge and basic use skills on C / C++, Solid Works and ANSYS

Trainings and achievements

Participated in a seminar organized by Stube Rheinaland, ESG Köln/FH Köln on following topics:

- “Our Green Future- A chance for Development?” 8-12 June 2012
- “Renewable energy-mix solution for developing countries” 12-14 June 2012
- “Learn to negotiate” 25-27 may 2015

Participated on “Entrepreneurship Development Training”, - organized by Alternative Energy Promotion Center (AEPC) and Industrial Enterprise Development Institute (IEDI), Kathmandu, Nepal in 2008.

Language skills

Nepali (Mother tongue), English (B2 / C1), Deutsch (B1 / B2)

Driving skills

Class B / Germany

References

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