

Avinash Karn

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Date of birth: 7 Aug 1994

Gender: Male

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 **Address:** Sonamai-04, Timkiya, Mahottari, (Nepal)

EDUCATION AND TRAINING

Bachelor's Degree in Electrical Engineering

Institute of Engineering, Pulchowk Campus, Tribhuvan University [2017]

Address: (Nepal)

<https://ioe.edu.np/>

Field(s) of study: Electrical Engineering

Final grade : 63.86%

Thesis: Speed control of 3 phase induction motor by constant volt/hertz method using matrix converter

+2, HSEB

Caspian Valley Higher Secondary School [2012]

Address: (Nepal)

Field(s) of study: Science

Final grade : 77.80%

School Leaving Certificate (SLC), Nepal Government

Daffodils Public School [2010]

Address: (Nepal)

Final grade : 80.63%

WORK EXPERIENCE

Trainee Electrical Engineer

CE Construction Pvt. Ltd. [Solu Khola (Dudh Koshi) HEP, 86 MW] [22 Mar 2019 – 23 Jun 2019]

Address: (Nepal) - <https://www.ce-construction.com/>

Country: Nepal

Name of unit or department: Electrical Department - **Business or sector:** Construction

- Basic acquaintance with Hydropower construction (Lot-1 Civil works)
- Familiarization with earth moving equipment required for tunnel works; their operation & maintenance.
- Supervision of electrical installations, earthing systems, etc.
- Scheduling of load with the available gensets.

Assistant Electrical Engineer

Nepal Bank Limited [17 Jul 2019 – Current]

Address: (Nepal) - <https://www.nepalbank.com.np/>

Country: Nepal

Name of unit or department: Engineering Section, General Service Department - Business or sector: Financial and insurance activities

- Design of Electrical & Networking schemes including preparation of Cost Estimate for new branches and renovation of old branches.
- Preparation of Bid Documents that includes Cost Estimate & Bill of Quantity (BoQ) for respective projects.
- Technical & Financial evaluation of Tender Documents.
- Assistance in analysis & preparation of specifications related to purchase of Electrical equipment.
- Coordination and assistance with branch support, vendors, suppliers to rectify faults & mishaps occurring during daily operations.

LANGUAGE SKILLS

Mother tongue(s):

Maithili

Other language(s): **Nepali, English, Hindi**

DIGITAL SKILLS

Microsoft Office / AutoCAD / MATLAB & Simulink / Python / C / C++

ORGANISATIONAL SKILLS

Organizer

- Served as **Programme Co-ordinator** in Saraswati Pooja organized by Nepal Terai Bidyarthi Navajagarjan Sangh (NTBNS), IOE, Pulchowk Campus in 2016.
- Served as **Vice President** in Saraswati Pooja organized by Nepal Terai Bidyarthi Navajagarjan Sangh (NTBNS), IOE, Pulchowk Campus in 2016.
- Served as **Member** in Saraswati Pooja organized by Nepal Terai Bidyarthi Navajagarjan Sangh (NTBNS), IOE, Pulchowk Campus in 2016.

Voluntary participation

- Participated in Seminar on "**Recent trends in Power System**" by 11th National Technological Festival organized by LOCUS, IOE Pulchowk Campus in 2014.
- Participation in demonstration of Pump Storage Plant model in 9th National Technological Festival organized by LOCUS, IOE Pulchowk Campus in 2012.

HOBBIES AND INTERESTS

Hobbies

- Playing sports like cricket, badminton, table tennis, etc.
- Reading books and novels especially on history, human evolution, mythology & religion.
- Watching movies
- Photography
- Music