Curriculum Vitae

Personal information:

Name:	**Toomas Pungas**
Date of birth:	30.12.1960
Driver's license:	B
Address:	Narva, 20608, Estonia
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General information:

Electrical Engineer:

- Feasibility studies of multymegawatts wind farms projects and wind-diesel stand alone energy systems;
- Organizing of international tenders for the design works on wind energy projects;
- Development, installation and launching the autonomous power systems using wind generators, solar modules and other sources;
- Adjustment of high-voltage equipment, protection circuits and automation at substations and power plants.

Information technology: Windows, Linux (Ubuntu), MS Office, Oracle Virtualbox, ACAD, HTML, CSS, Python, JavaScript, php, SQL, special wind farm design software (Wind Pro, openWind, WAsP, QGIS).

Other skills: Logic modules programming, electrical systems design.

Language skills: Estonian - basic level (A2)
English - upper intermediate
Russian - native language

Achivements Development the Adygeya wind power plant 150 MW project.
Development the electrical part of wind-diesel stand alone power systems implemented in various regions of the Russian Federation and the CIS countries.
I have a number of publications in popular science publications, I am the author of a patent for utility model No. 41497 "Wind power plant" dated 07.06.2004.

Education:

Specialty:	Electric drive and automation
Educational institution:	Leningrad Electrotechnical Institute (LETI)
Year of graduation:	1983
Obtained qualification:	Electrical engineer

Specialty:	Software Developer
Educational institution:	Ida-Virumaa Kutsehariduskeskus (Ida-Virumaa County Vocational Education Centre, Estonia)
Year of graduation:	2026 (currently studying)
Obtained qualification:	Junior Software Developer

Courses

Course name:	WindPro Software
Company:	EMD International A/S
Time and place:	November 2007, Peterborough (UK)
Result:	Certificate

Course name: Management of Investment Projects in the Nuclear Industry
Company: Rosatom Technical Academy
Time and place: December 2011, Obninsk (Russia)
Result: Certificate

Working experience:

Company: Vetropark LLC (Saint Petersburg, Russia)
Years of work: 08.2018 to 03.2022
Position: Chief Engineer
Job responsibilities: Acting as a customer representative in the design of a 70 MW wind farm; preparing feasibility studies for wind energy projects.

Company: VetroOGK (Saint Petersburg, Russia)
Years of work: From 05.2012 to 05.2018
Position: Expert
Job responsibilities: Exploring the wind farm sites, assessment the wind resources, options for technological connection, presence the factors preventing construction, preparation and holding the tenders, calculation of expected wind farm performance using computer modeling.

Company: Atomenergomash (Saint Petersburg, Moscow, Russia)
Years of work: From 11.2010 to 05.2012
Position: Chief Specialist of the Renewable Energy Sources (RES) Department
Job responsibilities: Analysis and comparison of technologies and products of wind turbine manufacturers to select a technology partner.

Company: Vetropark Engineering (Saint Petersburg, Russia)
Years of work: From 11.2001 to 11.2010
Position: Electrical Engineer
Job responsibilities: Development, installation and adjustment of autonomous power systems including the wind generators, diesel generators, solar panels, etc. (about 100 systems in various locations); Preparation of pre-project proposals and feasibility studies for wind farms and wind-diesel power plants (Solovetsky Islands, Okhotsk, Damba wind farm with a capacity of 100 MW, etc.).

Company: Novaya Sila (manufacturer of large electrical machines) (St. Petersburg, Russia)
Years of work: From 01.2001 to 11.2001
Position: Manager
Job responsibilities: Marketing research of the electrical equipment market, creation of a customer database, analysis the technical innovations of competitors.

Company: Gidroelektromontazh (Leningrad, Tallinn)
Years of work: From 05.1986 to 08.1989
Position: Electrical engineer
Job responsibilities: Commissioning of power plants and substation equipment up to 330 kV