

<div>Prince Khand Thakuri</div> <div><div><div><div></div><div>Vantaa, Finland</div></div><div><div></div><div>+358 45 311 1823</div></div><div><div></div><div>princekhand09@gmail.com</div></div><div><div></div><div>https://princecv.vercel.app/</div></div></div></div>		
Summary	Electronics Engineering graduate with strong hands-on experience in test automation, measurement, EMC, and hardware validation. Skilled in LabVIEW, NI TestStand, SCPI-based instrument control, and RF/EMC testing, with additional experience in embedded systems and MATLAB/Simulink modeling. SFS 6002 certified, with a practical mindset suited for Test / Test Automation Engineer roles.	
Experience	<div>Metropolia University of Applied Sciences, Finland</div> <div>Student Assistant – Electronics (Internship)</div> <div>Myllypurontie 1, Helsinki, Finland</div> <div>https://www.metropolia.fi/fi</div> <div><div><div>Supported embedded systems programming and testing in laboratory environments</div><div>Performed equipment testing, maintenance, and troubleshooting</div><div>Assisted in electronics laboratory sessions and student experiments</div><div>Designed and produced 3D-printed components for lab and project use</div></div></div>	Oct 2025 – Dec 2025
	<div>Lähi-Lataus Oy, Vantaa, Finland</div> <div>Electrical Installation Trainee / Technician (Part-time)</div> <div><div><div>Assisted in design and installation of solar PV systems</div><div>Installed and commissioned electric vehicle (EV) charging systems</div><div>Performed electrical wiring, connection, and on-site troubleshooting</div><div>Worked according to Finnish electrical safety standards (SFS 6002)</div><div>Supported field installations and technical documentation</div></div></div>	Apr 2025 – Aug 2025
Education	<div>Metropolia University of Applied Sciences, Finland</div> <div>Electronics Engineering</div> <div>Relevant coursework</div> <div><div><div>Electromagnetic Compatibility (EMC)</div><div>Mathematical Methods in Electrical Engineering and Automation Technology</div><div>RF and Analog Electronics</div><div>Embedded Systems & Measurement Labs</div></div></div>	August 2022 - December 2025
	Bachelor of Engineering	
Projects	<div>Raspberry Pi RetroPie Hardware Project</div> <div>https://github.com/VenomPrince/Retropie-journey</div> <div>Raspberry Pi 3</div> <div><div><div>Installed and configured RetroPie OS</div><div>Performed hardware wiring and troubleshooting of boot and power issues</div><div>Designed and 3D-printed custom Raspberry Pi enclosures for lab use</div><div>Integrated temperature monitoring using NTC thermistors</div><div>Built manual electronic circuits using resistors and transistors (no microcontroller)</div><div>Considered power regulation and thermal behavior of the system during operation</div></div></div>	
	<div>Automated Test Environment for RIAA Amplifier with SCPI Commands, TestStand and LabVIEW</div> <div>https://urn.fi/URN:NBN:fi:amk-2025120933976</div> <div><div><div>Designed a fully automated test system using LabVIEW and NI TestStand</div><div>Implemented SCPI-based instrument control without vendor-specific drivers</div><div>Built a LabVIEW state machine for reliable sequencing and safety handling</div><div>Automated frequency sweep testing with FFT and THD% analysis</div><div>Integrated DAQ-based multi-point measurements (TP1–TP6 + output)</div><div>Developed TestStand sequences with pass/fail logic and automated reporting</div></div></div>	
Skills	<div>Measurement & Test Equipment</div> <div>Hands-on experience measuring, validating, and troubleshooting electronic circuits using lab instruments.</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div>	
	<div>Test Automation & Software</div> <div>Automated test development using LabVIEW and TestStand with SCPI-controlled instruments.</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div> <div>Electronics & Hardware</div> <div>Strong foundation in analog/digital electronics, circuit analysis, and hardware fault diagnosis.</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div> <div>EMC & RF</div> <div>Understanding of EMC/EMI principles, RF measurements, grounding, and noise mitigation.</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div> <div>Embedded & Systems</div> <div>System-level hardware integration using Raspberry Pi, sensors, and power regulation.</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div> <div>Mathematical & Analysis Tools</div> <div>Applied mathematical modeling, signal processing, and system analysis using MATLAB & Simulink</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div>	
Interests	Machine Learning, AI LLMs, Electronics, Soldering	
Certifications	<div>SFS 6002 Electrical Safety Training (Finland)</div> <div>SETI</div> <div>https://princeesf.fi/</div>	December 2025
	<div>Degree Certificate</div> <div>Metropolia University of Applied Sciences</div> <div>https://princede greecertificate.fi/</div>	
Languages	<div>English</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div>	
	<div>Finnish</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div> <div>Hindi</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div> <div>Nepali</div> <div><div><div></div><div></div><div></div><div></div><div></div></div></div>	