

GEETHIKA JAYASEKARA

Electrical & Electronic Engineer

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Tampere, Finland



Geethika Bandara Jayasekara

PROFILE SUMMARY

Result-oriented Electrical and Electronic Engineer, with 5+ years' experience as a Commissioned Officer in the Sri Lanka Army and hold various command and leadership positions. Combining technical expertise with proven leadership skills and strong human resource management skills. Highly motivated to build a career in electrical engineering, embedded systems, industrial automation, Testing and R&D roles. Flexible, always eager to learn, and effective in delivering results in challenging and complex environments.

SKILLS

- Testing & Measurements
- Troubleshooting & Fault Analysis
- Embedded & Digital Systems: FPGA, SystemVerilog
- MATLAB/ Simulink, Java
- Adaptability and Flexibility
- Leadership and multidisciplinary team management

WORK EXPERIENCE

Electrical Engineer - Commissioned Officer (Captain - Retired) | Sri Lanka Army

2020 Jan -2025 Aug

- Supervised maintenance, troubleshooting, and modifications of electrical and electronic systems.
- Assisted & supervised in ensuring the operational readiness of communication, control, and power systems.
- Manage technical stores efficiently, including resource allocation and projecting future requirement.
- Coordinated technical teams, ensuring safe work practices and timely completion of engineering tasks.

Electrical Engineer (Internship) | Greater Kurunegala Water Supply & Sewerage Project

Oct - Dec 2017

- Quality checking and supervised electrical installations and performed insulation, phase sequence, and earth resistance testing.
- Conducted panel board inspections and reviewed schematics.
- Prepared technical reports, project presentations, and organized documentation.

Electrical Engineer (Internship) | Lanka Electricity Company (pvt) Limited

Jul - Sep 2017

- Inspected and maintained HV (11kV) and LV (400V) distribution lines.
- Assisted in transformer pre-commissioning tests and HV underground cable laying.
- Contributed to a project of optimizing LV distribution systems to minimize energy losses.
- Participated in consumer-side metering automation project.

EDUCATION

Tampere University of Applied Science, Tampere, Finland

Aug 2025 – to date

- Bachelor of Engineering, Software Engineering (Reading)

General Sir John Kotelawala Defence University, Ratmalana, Sri Lanka

Jan 2015 - Dec 2018

Website: <https://www.kdu.ac.lk/>

- Bachelor of Science in Electrical and Electronics Engineering

License & Cards

- Occupational Safety Card

LANGUAGES

- Finnish - Basic – improving
- English - Fluent in speaking & writing