

FRONTEND & FULL-STACK ENGINEERING

Michał Grzeżułkowski

Senior Frontend & Full-Stack Developer

Frontend engineering with Angular, React and TypeScript. Full-stack experience with Node.js and Electron, plus frontend architecture, code review and technical interviewing.

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Professional experience

Kineti

Jan 2025 — Present

Current role

Senior Angular Developer

Angular web development with AI-assisted engineering.

- **Build web interfaces** with Angular and TypeScript.
- **Use AI agents** for implementation, refactoring and testing, with engineering review of the results.

Sternum

Feb 2022 — Jan 2025

Senior Full Stack Developer

IoT security software across web, backend and desktop applications.

- **Developed React frontends** and Node.js backend functionality for IoT security software.
- **Built desktop software** with Electron in a fully remote team.

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Feb 2018 — Feb 2022

Software Developer → Senior React Developer

Telecom and content-publishing projects, frontend architecture and technical recruitment.

- **Reviewed TypeScript code** and collaborated on frontend architecture and feature requirements.
- **Conducted technical interviews** for junior, mid-level, senior and architect React positions.

SELECTED CLIENT ASSIGNMENTS

Nokia — Jul 2020 — Feb 2022
Senior React Software Developer
Frontend architecture, TypeScript code review and feature requirements.

PublishThis — Sept 2018 — Jul 2020
React Software Developer
React development and responsibility for the JavaScript application architecture; remote collaboration with Los Angeles.

Nokia — Feb 2018 — Sept 2018
C++ / Python Software Developer
LTE SDK development with C++ and Python.

Tieto Poland

Jul 2015 — Feb 2018

Junior Software Engineer

Bluetooth Low Energy SDK development in an international engineering team.

- **Developed Bluetooth profiles, services and applications** with automated tests in C and Python.
- **Worked directly with the client** using Git, Gerrit and Scrumban.

Technical skills

Frontend engineering

Building interfaces and organizing the code behind them.

Angular · React · TypeScript · JavaScript · Redux · HTML · CSS / SCSS

Backend & desktop

Full-stack experience, with roots in embedded software.

Node.js · Electron · Python · C / C++ · Docker · Bluetooth LE

Engineering practice

Making development a deliberate, collaborative process.

AI-assisted development · Code review · Frontend architecture · Automated testing · Git / Gerrit · Scrum / Kanban

Engineering workflow

Start with context

Make the requirements, existing architecture and coding standards clear before changing code.

Work in focused steps

Use agents to support implementation and refactoring, keeping changes small enough to understand and review.

Review and verify

Check generated code, exercise the behavior and use tests to assess the result.

✓ Human judgment and responsibility remain part of every step.

Education & background

Wrocław University of Science and Technology

Automation and Robotics · Faculty of Electronics

2015 — 2016 **MSc in Engineering**

2011 — 2015 **Engineering degree**

Earlier engineering experience

Kimla · Electronics intern · Jul–Aug 2014 — sensor signal-processing circuits for CNC machines.

Astor · Engineering placement · Jul–Aug 2013 — PLC programming and EPSON industrial robot software.

Barak scientific club · President · Apr 2014–May 2016 — design, construction and software for a solar heliostat model.

Earlier qualifications & activities

CLAD certification in LabVIEW programming, National Instruments.

Historical SEP E1 electrical qualification up to 1 kV.

Microbotics Summer Workshop; National Conference of Young Scientists.

Laureate of the 16th “Physics and Ecology” competition for work on natural soil radioactivity.

Languages

Polish · English

Beyond work

Web projects, home automation, personal development, dancing and photography.