

iond

beyond your imagination

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iond at your service

We can help you go beyond your dreams and turn them into real products and services. Whether it is natural user experience, latest mobility technologies, advanced device concepts, cloud scale efficiency or AI applications, we help you articulate your product and deliver it on par with the top teams of the world.

—————→ [hire the team](#)



secunet

jolla


SAILFISH OS

NOKIA

intel®

Qt

MeeGo

futurice

Alpitronic

MOEMO.ORG

BSQUARE

dexdyne

codescop

cellnovo

iond

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offering examples

We have worked together for years. We perform.

PoC / Feasibility study

A preparatory project for the 1.0 program, if needed. Analysis of needs, requirements, technical options and risks. Development planning and estimation. Rapid prototyping and customer/user interviews and tests. Study report. 1-3 calendar months.

Product 1.0 program

An End-to-end system development from scratch for a roughly specified service, app or subsystem. Delivery and handover against known product quality criteria. Iterative process and contract model. Ca. 3 calendar months

Fixed price projects against spec.

App development from scratch or refactoring/rewrite/rescue of distressed project in 1-2 calendar months. Request for a quote!

Product creation workshop

Together with your team we conduct state-of-art inspiration sessions, market and technology opportunity analysis, product and business concept generation, problem and concept validation interviews, implementation planning and estimation. 1-4 calendar weeks.

Senior full-stack competence hiring

Total 200 hours / month, mixing and summing up contribution by any iond team members of choice. E.g. Design, programming, reviews, assessments, coaching and process. Or hire the whole battle-tested team?



→ hire the team

Valtteri Halla

Helsinki, Finland



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Product professional and entrepreneur for 25+ years

I have shipped tens of software and device products for companies from startups to Fortune10, acting in roles from programming to sales and leadership. I love to bring my wide skill set and generalist approach to solve hard cross-disciplinary problems and focus to do what has to be done to ship new products.

Experience highlights

I spent 10 years bringing Open Source to Nokia and Intel where we used it to create the MeeGo OS and a family of mobile devices. We taught these giant corporations the open source rules, developed and funded millions of lines of open code still alive in the infrastructure of the world and helped create a dozen companies.

At the startup Leia Media we created a solution for the news media industry to convert their print-age business to digital: A turn-key solution and supply chain for custom and ultra-thin tablets with elnk and Android software for the publishers to convert their subscribers while retaining the print-era revenue under threat of the Big Tech.

For 10+ years in my private consultancy I have served big and small companies with a wide expert offering. My assignments have included programming data and AI cloud pipelines and apps for mobile and web, new product strategy development, raising capital, teaching new tricks like responsive design with Figma, training R&D teams and acting in interim CxO roles.

Special skills

Organizing, resourcing and shipping digital products. Product/project mgmt, marketing, agile processes from teams to scale

Full-stack cloud data AI analytics pipeline: MLOps, Spark, pandas, Databricks, PowerBI, PyTorch/Tensorflow/Huggingface

Full-stack experience creation from user studies to design and implementation - Figma, Android, iOS, Web, React Native

Simonas Leleiva

Birmingham, United Kingdom



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All-round senior hardware level engineer and kernel consultant

Sharing a vision of the world seamlessly interacting and adapting to You. Making this happen by using the best software and hardware paradigms available to-date, and further improving them. Leaving my footprints via technology for future generations as I go through this connected spacetime.

Experience highlights

Methodology and thoroughness of 15 years in systems' engineering.

Mobile device industry: prototyping and productising for Linux (at Jolla for Sailfish OS – world's 3rd mobile OS), Android (at Cellnovo medical), cloud (at Secunet security), hardware adaptation consulting (Meramo), virtualisation and containers (LXC, LXD, Docker, QEMU, OpenStack).

Embedded devices on ARM, ia; NXP (Freescale), TI, *et al.* (at Bsquare), IoT (at Dexdyne).

Special skills

Commissioning board support packages (BSPs) using Yocto (OpenEmbedded), buildroot, openSUSE Build Service (OBS), Itib; with a help of CI/CD automation (Jenkins, Jira)

Passionate about languages, localisation, UI implementations (Qt/QML), and strong proponent of aesthetic creations in IT

University major and development experience in neural networks, machine learning, and AI

Exceptional tenacity in software problem solving: everything that is computationally describable can be debugged -- thus fixed

Joona Petrell

Tampere, Finland



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Fast and pragmatic senior developer with strong software, interaction and visual design skills

I love building world-class products with pixel perfect UI:s and fluid animations, optimized down to every bit with systematic profiling and empirical data leading the decision process.

Experience highlights

Mobile architect with almost two decades of experience building operating systems and system software for smartphones, tablets, feature phones, smartwatches and all kinds of dedicated embedded devices. Worked in team lead roles since 2006, and in principal / chief architect roles since 2011.

Part of the original Qt QML team responsible for the development of QML language and Qt Quick app development platform used in 100M+ products like LG Smart TVs, Hasselblad cameras, cars from Hyundai, Mercedes-Benz, Stellantis, and so on.

Special skills

Can independently develop demanding PoCs and technical studies. Capable of mastering deep software verticals, from the top user interface layer down to low-level system libraries, whatever gets the job done. Firm believer that you can do great experiences on almost any environment, regardless of the chosen programming language, framework, operating system or hardware.

Niels Breet

Eindhoven, Netherlands

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Cloud and Security Engineer with a passion for learning and analyzing complex challenges

I have experience in designing and implementing secure cloud and embedded Linux solutions. I am also an expert in CI/CD and DevSecOps principles and tools, and I have used them to deliver software to hundreds of thousands of devices in my previous roles.

Experience highlights

Over 10 years of experience leading IT and Services teams at Jolla, with a focus on CI/CD, product development services, secure public cloud services, and software delivery systems for mobile devices. Sailfish OS consists of thousands of individual source code packages and spans over 500 Million LOC. A unique level of complex automation and scale is needed in order to provide daily builds, QA builds and per device flashable images, Android adaptations and full Android builds for App Support.

In the years before working at Jolla, I was managing all community facing infrastructure at maemo.org for Nokia. Followed by architecting, setting up and scaling up of the community infra and Open Build Systems at MeeGo for Nokia & Intel.

Special skills

I am a highly motivated, pragmatic and results-oriented individual with a strong work ethic, and I am eager to contribute to innovative and challenging projects.

In previous jobs I developed cloud solutions using cloud computing platforms (AWS, Oracle Cloud, and OpenStack), containers (Docker, LXC/LXD), virtual machines (KVM/Qemu), configuration and automation (Puppet, Ansible, Terraform), databases (MySQL/MariaDB/PostgreSQL/MongoDB/DynamoDB).

Martin Schüle

Helsinki, Finland

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I am an award winning creative design leader for more than 23 years

My passion are stunning products and holistic experiences. My hands-on design skills cover all relevant disciplines from user experience, interaction, graphics, and usability to concept, product, exhibition, branding and even patent management. I have built and led the concerted work of several design teams often comprised of tens of senior experts from around the world. I also enjoy acting as a one man “design factory”, producing all design deliverables by myself.

Experience highlights

Products of mine received more than 30 awards. Personally, I have received several achievement & kudos awards. For example I have been honoured as the “Number One User Interface Inventor” in Nokia. I am the creator of more than 20 patents.

As a design leader I have been ramping up company Brand and Design foundations. I led the design of operating systems from ground up for Jolla Sailfish OS and Nokia Maemo OS; their logic, behaviour, UI component design, created Design systems, and applied those to App designs.

Special skills

Mastery of the complete range of digital product types and design disciplines: Mobile, Desktop, Web, & Wearables, Platform & OS Design, Creative Direction, UX Design, UX Architecture, Interaction Design, Design Systems, Visual/UI Design, Rapid Prototyping, Usability Testing & Analyses, Branding, Exhibition Design

Capable to solve challenges holistically, according their needs and best possible outcomes, rather than imposing a design field upon the challenge.

iond

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United Kingdom Birmingham

Netherlands Eindhoven

Finland Tampere & Helsinki

