

## Job Opening // Cloud Technical Architect

Are you passionate to create the best architecture for Smart City devices? Do you want to change how our Cities manage their infrastructure around the globe? Join our international software teams based in the Netherlands and India to code for a better world...

### Background

Intellikonnect Solutions, a TVILIGHT company, is a European market leader in professional end-to-end lighting control solutions with an installed base of over 800 projects in iconic cities across 20 countries. We specialize in sensors, wireless streetlight controls, lighting management software and IoT Smart City applications. We see streetlights as one of the most valuable public assets that have a powerful role to play in making cities energy-efficient, resilient, and future-ready. Our products create an independent open system that allows integrating a multitude of third-party applications and thus constitute a reliable, future-proof base for Smart Cities and IoT.

### Job description

From day one, you will be working on a meaningful scalable IoT software architecture that involves working closely with Software and Firmware teams to solve challenging problems with an architecture that is scalable, robust, and futuristic.

- Code on our core architecture and software platform. Balance your time with 30% - 50% coding/ code review/ production deployment as a senior full-stack developer/ solution architect, and 50% - 70% in supportive/ co-ordination role
- Create and demonstrate quick POCs when needed
- Be a sparring partner to the senior lead developers/ architects to make architectural decisions. Bring-in new ideas for architecture, frameworks, tools and platforms. This requires in-depth experience/ strong foundation with micro-services architecture, docker, Kubernetes, message-bus and databases.
- Work closely with software colleagues on total product integration, which includes backend/ fronted developers, firmware and QA engineers
- Draft architectural specification with inputs from internal/ external stakeholders including our sales and support team
- Co-ordinate and lead some of the projects from the requirement phase through to the deployment phase. Identify innovative ways of achieving requirements, solving bugs/ issues.
- Pro-actively search for information, define use cases, coordinate with the development teams, draft product/ architectural specification, as well as divide the overall project into smaller tickets. This is to ensure all the pre-requisites are adequately defined, before the tasks are allocated within the software team.
- Drive the agile software development process by pro-actively managing sprints, backlogs and retrospectives.
- Be a team lead for software team in India, and coach/ mentor/ train the rising colleagues

## Professional Qualities

- At least 10 years of experience as a Full Stack Developer, with at least 2 years as a technical architect and team lead. At least 2 years work experience on an IoT product/ solution.
- Experience with following:
  - NodeJS, AngularJS, ReactJS
  - Microservices Architecture
  - Message Bus (RabbitMQ) and communication protocols
  - DevOps experience including deployment of platform (esp. Kubernetes)
  - Docker
  - Message brokers (MQTT)
  - SQL and NoSQL databases (e.g. Redis, Riak, MongoDB, Postgres)
  - RESTful JSON APIs, Protocol Buffers, WebSockets, OAuth2.0
  - Version control tools such as Git, Bit-bucket or SVN
  - Knowledge about data structure libraries and Test-driven Development approaches
  - Ruby on Rails know-how would be a plus
- Ability to independently deep dive into the software architecture (even where limited/ no documentation is available)
- Affinity with embedded/ IoT devices (e.g. smart watches, home automation, parking sensors, etc.) would be strong plus
  - Know-how on wireless stack such as BLE mesh, Zigbee or similar (at least one project experience) and wireless networks GSM, Nb-IoT and/ or LoRa would be appreciated
- A Bachelor's or Master's degree (preferred) in Computer Science, Computer Engineering or similar IT field. Additional certifications in AI, ML and data-science would be a plus

## Personal Qualities

- Analytical, independent, and a system-level thinker
- Self-initiative and problem-solving attitude
- Pleasant personality and a great team player
- Passion and drive to deliver excellence

## Working conditions

- Pleasant working environment with great colleagues
- Daily engagement with the software team developers in the Netherlands
- Competitive salary, attractive compensation benefits including group medical insurance and all-you-can-eat office snack bar
- Office location: Ahmedabad (India)
- Office hours: 10:00h to 18:30h (Mon - Fri)
- Starting date: open

## Contact Details

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