# Arun Kumar



arun.kaundal@gmail.com linkedin.com/in/aronkumar



+919815295761

https://github.com/aaron-kumar

## Summary

- ✓ More than 21 years of experience in ICT field, associated with Peppol since pilot phase (2010 onward)
- ✓ Peppol (Norway, Australia, Austria, Belgium, France, Germany, Netherlands, New Zealand, Singapore, etc)
- ✓ The Oxalis Management Team Member The Oxalis Network
- ✓ Oxalis Community Technical Consultant NorStella

✓ Member Technical sub-committees of Business Payment Coalition, USA - "E-invoice Exchange Framework Market Pilot"

✓ Electronic Tax Reporting and Invoicing (Decentralized CTC), French 2024, India Einvoicing

- ✓ "Peppol", "BaswareOne" & "India E-Invoicing" Senior Product Architect, Basware
- ✓ Digital Signing, Timestamping, Archiving & Compliance based on eIDAS Regulations

✓ Created/Owner of "Peppol Integrators and Developers" - LinkedIn group with more than 150+ members from different companies & Peppol Access Points providers to share important information - Created on August 2012

✓ Open Source Committer/Contributor: Oxalis, Apache Camel, Restlet, Nutch etc

✓ Cloud, Cloud-Native & Serverless Architecture, Service Oriented Architecture, Microservices, APIs design and Architecture

✓ Java based development for platforms like AWS (AWS Lambda, Amazon API Gateway, IAM, S3, EFS, EBS, Glacier, SQS, SNS, AWS Batch, AWS CloudHSM, ECR, ECS, EC2, Autoscaling, Load Balancer, DynamoDB, Amazon RDS AuroraDB, VPC, Cloudwatch, CloudFormation) and SOA (Fuse ESB, Apache Camel, Apache ActiveMQ, Apache CXF, Karaf/OSGI)

- ✓ Continuous Integration, Continuous Delivery using GitHub, Bamboo and Jenkins
- ✓ Proof-of-Concept, Proof-of-Technology, Prototyping, Feasibility Study Developer

✓ Good knowledge of ISO 27001, Business Continuity, Information Security Management, CMM procedure and practices

# Experience

## Senior Product Architect

#### Basware

Jan 2010 - Present (12 years 3 months +)

Responsible for Architecture and Design of Basware products ("BaswareOne", "Basware Transaction"), Solutions ("Signing, Timestamping") and Integration ("Peppol" and "India E-Invoicing")

## Oxalis Community Technical Consultant

#### NorStella

Jan 2021 - Present (1 year 3 months +)

Oxalis is the leading open-source software implementation supporting the provision of Peppol eDelivery specifications for the Peppol network.

Peppol compliance will be the core focus for the maintenance and further development of the software components. The Oxalis basis software and AS4 plug-in are maintained proactively to ensure that they continue to be Peppol compliant.

#### The Oxalis Management Team Member

#### **Oxalis Network**

Mar 2021 - Present (1 year 1 month +)

Oxalis is the leading open-source software implementation in OpenPeppol supporting the provision of Peppol eDelivery Services (AS4) for the Peppol network

Oxalis Community is a not-for-profit organization organized under NorStella Foundation based in Norway, dedicated to the continued support and development of Oxalis, to secure Peppol compliance and value for its users.

Oxalis Community is facilitated by the foundation NorStella. It is organized according to democratic non-for-profit principles and established as an independent and autonomous part of the NorStella association with independent budgets.

The goals of Oxalis Community:

- \* Secure sustainability and managed development of the Oxalis software
- \* Encourage continued implementation of eProcurement using Peppol specifications.

\* Support innovative Peppol-based services that promotes the goal of harmonized and interoperable processes.

## Senior Software Consultant / Software Developer - Team Leader Role

#### Seasia Consulting

Aug 2007 - Dec 2009 (2 years 5 months)

I joined Seasia Consulting as a team lead in august 2007. Seasia Consulting is Offshore Development Partner of HP- Hewlett & Packard. My role is to lead the team of software professionals to develop and maintain public retirement solution using JClarety (ClaretyTM) for USA Government.

In addition, I also lead couple of teams involve in developing proof of concept, technology demonstration, and in-house product development.

I involved in quality improvement process like CMMi. I was also part of team responsible for Information Security (ISO 27001). I involved in preparing and maintaining Risk Assessment and Treatment (RAT) and Business Continuity Plan (BCP).

## Tech Lead

#### Voltix

Apr 2005 - Aug 2007 (2 years 5 months)

Being part of Enterprise Search Product Development Team, we delivered solution to Barclay Bank (UK), BEA (USA). We also developed our in-house open source P2P Enterprise Search Product - Kshoni.

In addition to this, we provided web solution to number of Australian Client (Schools, Government, Milk-Product Company) through our Australian subsidiary IPP-Consulting.

My Role was to design and prepare architecture of application. As a Tech Lead, I was responsible for handling and solve all technical issues in Indian Branch.

## Education



## Himachal Pradesh University

MCA (Master of Computer Application), Computer Software 1998 - 2001

Established in 1970, Himachal Pradesh University is a public university in Shimla. Setup in 1988-89, the Department of Computer Science, Himachal Pradesh University is one of the most reputed and prolific department in the University today. Only the best of the lot are admitted to the course, strictly based on the performance in the entrance exam.

Center of Excellence - Govt. Degree College Sanjauli, Shimla. Bachelor of Science (B. Sc), Physics, Chemistry, Mathematics 1994 - 1997

## **Licenses & Certifications**

Market Architecting on AWS - Amazon Web Services (AWS)

Architecting on AWS - Amazon Web Services (AWS)

**Developing on AWS** - Amazon Web Services (AWS)

## Skills

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Agile Methodologies • Web Services • SOA • Software Development • Java • Scrum • Enterprise Software • Application Architecture • Solution Architecture • Spring Framework
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## **Honors & Awards**

**Employee of the Year - 2011** - Presented by : CEO, Basware Jan 2012 Employee of the Year - 2011 for outstanding performance, leading by example, build on trust and respect.

Game Changer (R&D) - H1, 2018 - Presented by : CEO, Basware

2018 Great contributions in major architecture developments

#### Employee of the Month - Presented by : CEO, Basware

Jul 2014 Employee of the Month - Build on respect, Act with Courage, Aim for Achievement and Be professional