

Bhagavati Kumar Jayanti Venkata

Individual Contributor 5 (IC5) Since 2013

CONTACT

kumar.jayanti@gmail.com



9845229031



Bengaluru

EXTERNAL PROFILE



/KumarJayanti



/bhagavati-kumar-jayanti-venkata



/KumarJayanti

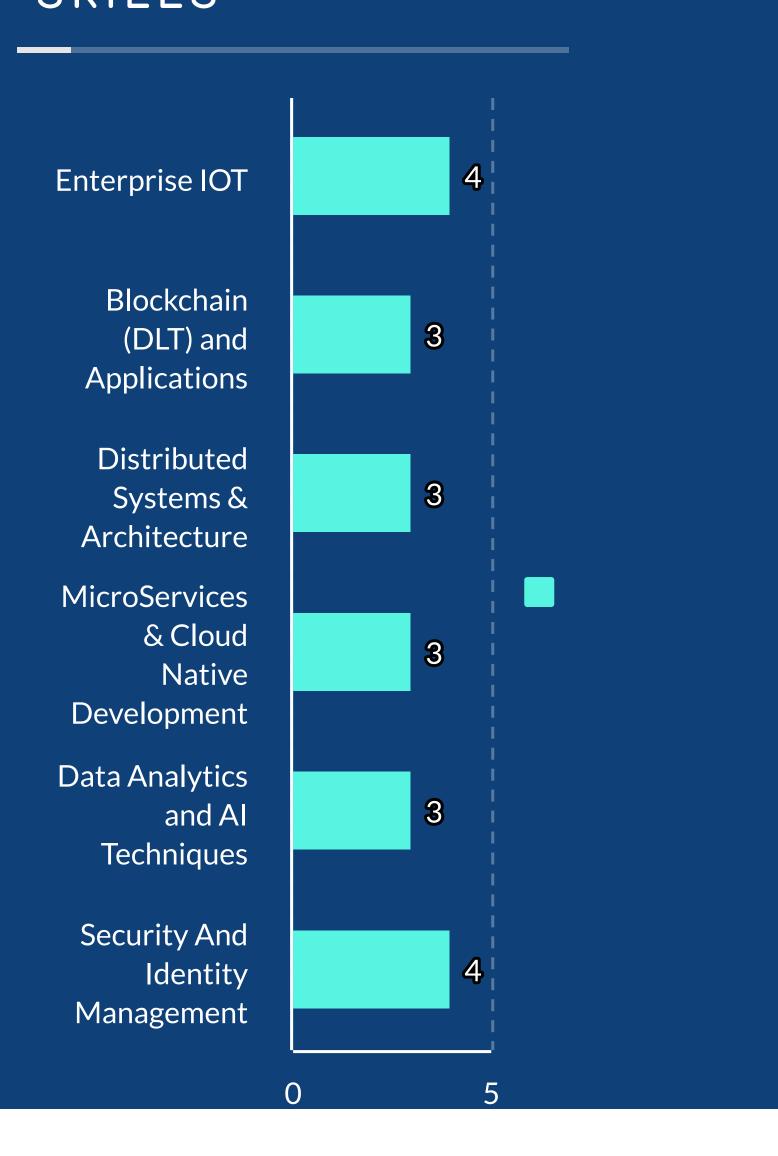


M_E /@kumar.jayanti



https://kumarjayanti.github.io

SKILLS



Technical hands-on Architect with 23 years of experience comprising SaaS/PaaS Application development, Application Security, API Design, WebServices and Java Standards.

CURRENT WORK 2016 - present

Oracle IOT FleetMonitoring (SaaS) & Oracle Intelligent Track and Trace (SaaS) Role: India Team Architect Responsibilities:

- Handle overall architecture and design of product modules owned by the team and getting design approvals from stake holders.
- Do quick POC's for new technologies and solution ideas to assess applicability.
- Write production Code for some of the modules end-to-end.

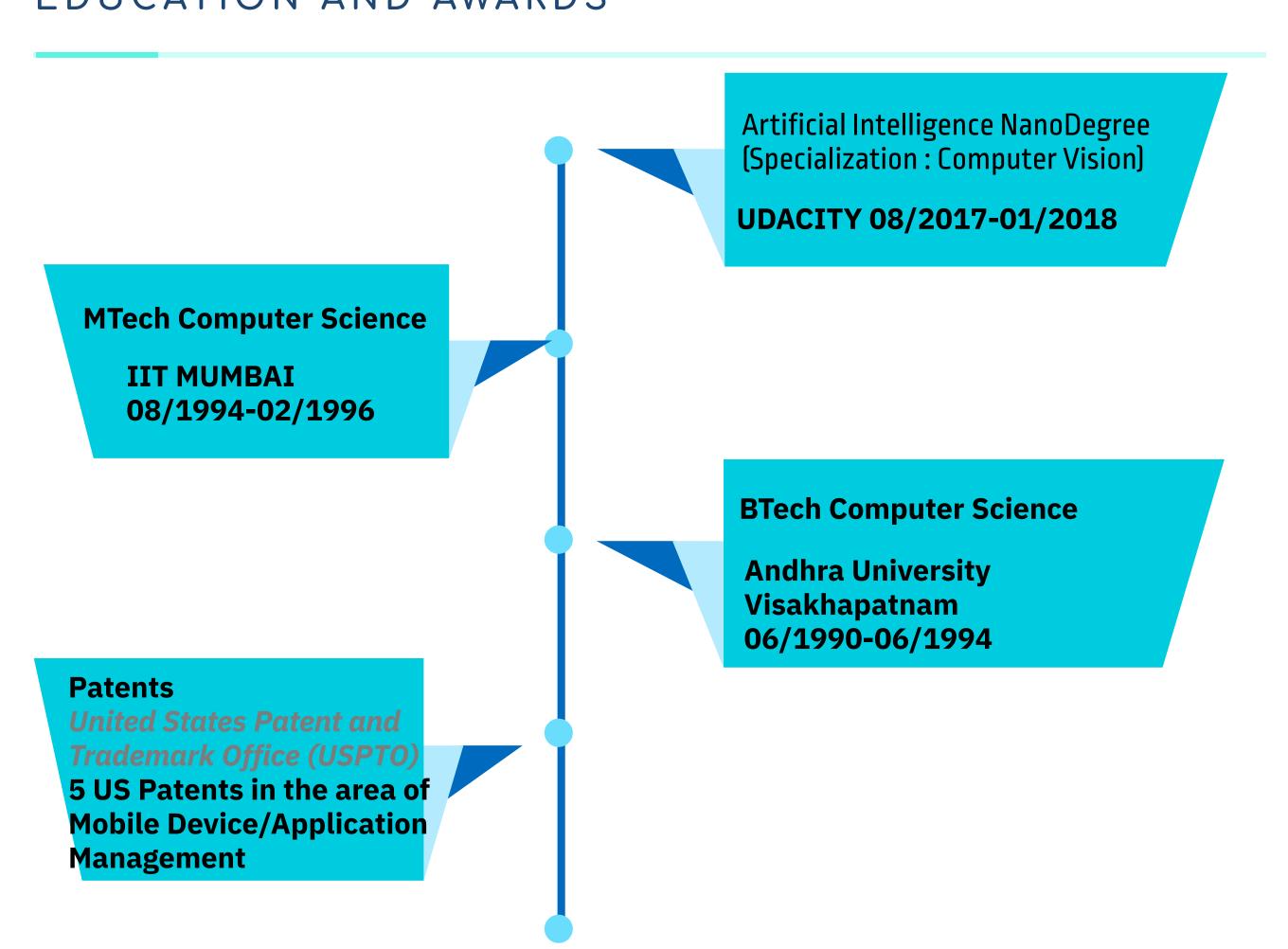
Technology Stack:

DB, ElasticSearch, Kafka, Spark, Oracle JakartaEE MicroProfile Microservices with helidon.io, Cloud Native Technologies (Kubernetes, Jaeger, Prometheus), Oracle Cloud Infrastructure, Oracle Blockchain Cloud Service, Hyperledger Fabric v2.0, Java, Python, OAuth 2.0, OIDC, Oracle Identity Cloud Service, Redis, Jenkins, CDI, Jdbi, Junit5, JSR380

CURRENT AND RECENT ACTIVITIES

- Rule Based and Custom Smart Contract and Contract Proposal Management Framework for Oracle Intelligent Track and Trace
- Advanced Fulfillment Orchestration for WareHouses with Oracle IOT FleetMonitoring, Oracle Transport Management and Warehouse Management Cloud.
- POC on using GraphQL as a BEFE (Backend For FrontEnd).
- JsonPath DSL (Open Source) for Declaratively Transforming data ingested from Custom Telematics Providers. This was integrated into Oracle IOT Generic Connector Framework.
- End-to-End design and implementation of Driver Scoring Feature in IOT FleetMonitoring implemeted using batch analytics on SPARK.

EDUCATION AND AWARDS



The Key Focus in the last 4 years has been on building SaaS Applications that make use of complex PaaS technologies such as IOT, Al and Blockchain and inturn enable the Line of Business users leverage the benefits of these technologies without having to directly deal with the underlying complexity. Oracle IOT FleetMonitoring SaaS Application Architect for the Application, fully developed by INDIA Team from scratch. End-to-End design and implementation of Driver Scoring Feature in IOT FleetMonitoring implemeted as batch analytics **Mobile Security PaaS and Oracle OPSS** processor on SPARK. • Implemented the concept of Layered Metadata Customizations to support Per-Tenant customizations of the Security Services. Implemented a Robust Policy Management system for controlling various aspects of Mobile Device and Application Management. The product provided opportunity to work with several protocols such as OAuth2, SAML-2, OIDC, SCEP, SCIM, MFA, FIDO and Oracle **Glassfish JavaEE Application Server Security** Identity and Access Management Products **Lead for JavaEE 5 and 6 Releases** Was Security Point of Contact (SPOC) Contributed to JSR 196 (Java Authentication SPI for Containers) RI. Handled Security Implementations of Java Servlet Specification Version 3.0 (JSR 315) **Metro WebServices Security** Took the prdocut to successful WS-I interop Events held at Microsoft Was part of the team where we used the Stax Pull Parser coupled with Java Stream Ciphers and DigestInputStreams to implement Streaming XML Security for improved performance. **SAAJ JSR67** • Specification and Reference Implementation LEAD. Added SOAP 1.2 API support Implemented Boyer-Moore String Matching algorithm for efficient MIME-Multipart Parsing. CAREER PATH TIMELINE Sun Microsystems iCMG (2000-2001) Legend: SASKEN (1996-200) Oracle (2011-PRESENT) (2001-2011) Porting Gnu C to K2: Corba Component Design of R++ (DSL): Processor Description Language, **Embedded Processors** ➤ Model (CCM) Application C++ Code Generation of Processor Simulator Model, (C Compiler, Linker, Verilog HDL Integration of Generated Simulator Models Server Loader) Open Source Metro : WebServicesStack, JSR 67: Spec Lead, iPlanet Appserver: WS-Security Implementation (Lead Developer), Corba Module (Bugfixes RI(reference implementation) Lead, Also participated in WS-SecurityConversation and SOAP 1.2 API Support and Enhancements) W5-Trust implementations Open Source GlassFish AppServer WebLogic and OPSS (Oracle Platform Security Services) Part of Reference Implementation (RI) team for India lead developer, Bugfixes, Enhancements JavaEE 5 and 6 Releases, RI Security Lead, and MultiTenancy Support, Oracle Access Manager Contributed to JSR 196 (JASPIC) RI Integration of JSR 196 RI PaaS: Oracle Mobile Security Cloud Service, Co-Architect, MDM & MAM (for iOS, Android). Oralce IOT And Blockchain Intelligent SaaS Apps Java Rewrite of Server Side Engine of acquired India Architect BitzerMobile Product. PERSONAL DETAILS

DOB : 12.08.1972 Nationality : INDIAN Mother Tounge : Telugu Marital Status : Married

Gender : Male