

# HEMANTH KUMAR

Software Architect



[LinkedIn](#)



[Github](#)



[hemanth.itk@gmail.com](mailto:hemanth.itk@gmail.com)



[Bangalore, India](#)

## Professional Summary

- Extremely self-motivated Software Architect with the ability to be proactive with project execution.
- This includes 13 years of experience and passion for software development and learning new technologies as well as designing software systems using agile/Scrum software development
- Full stack design and development, AI, ML and IoT Cloud Platforms.
- WEB, Mobile & Digital platform architecture – Cloud migrations, DevOps principle, containers and micro services.
- Good business knowledge in areas of Health Care, BFSI, Leasing & ERP

## Skill Sets

### Development tools/IDE/OS

Visual Studio, Eclipse, IntelliJ, Xcode, Android Studio, NetBeans, JetBrains PyCharm, Star UML, Putty, WinScp, Windows, Mac, Linux, Unix

### Languages /Frameworks

**Microsoft** - .NET, .NET Core, Asp.net MVC Core, ADO.NET, WPF, WCF, VB.NET, C#, Web forms, Web services, SOAP SOA, Win forms, COM, , Visual C++, VB6, FoxPro, SharePoint, Office Tools, VSTO, Excel Addin, Office JS, MSSQL, SSRS, SSIS, SSAS, MSMQ, COM, DCOM, Enterprise Library, LINQ, Hibernate, Log4Net, NLog, NUnit, Entity Framework, MFC, MVVM, WCF, MS Project, Active Directory, LDAP TSQL, PowerShell, TFS, Azure, Dynamics, Power BI, servicestack, UI Automation, TestStack.White, Iron Python, Code Sandboxing

**Oracle / OpenSource** - Java, J2EE, Apache, Servlets, EJBs, JSPs, JMS, Tomcat, Oracle PL/SQL, Oracle Portal, Oracle Workflow,, UML, ANT, SWT, Swing, Junit, JDBC, Jython, EJB, Struts, JSTL, JSF, Spring Boot, ORM Hibernate iText, Junit, Selenium, Cryptography, Concurrency, PL/SQL Designer / Forms, C, C++, Data Structure & Algorithms, OOAD, OOP, RabbitMQ

**Web** - HTML, DHTML, XML, XSLT, AJAX, JavaScript, JQuery, CSS, Angular, BabelJS, bootstrap D3Js, Electron, Ember, Express, Ext JS, ES6, GraphQL, Knockout, moment, phantomjs, Saas, react, redux, TypeScript, Web Socket, NodeJS, Jest, YAML, Python, CDN, BPM - Activiti, Camunda, Google Analytics

**Mobile** – Android, IOS, Cocoa, Swift, React Native, Xamarin













**Security & Networking** - SAML, OpenID, WS FED, OAuth, Kerberos, AD, LDAP, HTTPS, TCP/IP, DNS firewalls, proxies, UNIX/Linux/Windows, Shell Script, akamai

### Databases

RDBMS - MSSQL, Oracle, PostgreSQL, MySQL, ERDPlus, NOSQL – DocumentDB, DynamoDB, MongoDB, Memcached, Redis, Big Data & Analytics – Apache Hadoop, Spark, Tableau, Data Warehouse, ETL, Talend, AWS Redshift

<b>DevOps Tools</b>	Source Control - Github, Subversion, Build - Jenkins, CircleCI, TeamCity, AppVeyor, MSBuild, Ant, NAnt, Maven, Codecov.IO, Testing - Cucumber, Jmeter, Jest, Mocha, Jasmine, SoapUI, Deployment - Launchdarkly, Chef, Puppet, Terraform, Docker Container, ECS, EBS, Cloud - AWS, Azure, Sumo Logic, JIRA, Qtest, BrowserStack, CircleCI, AppVeyor, Slack, Security - Sonar Cube, Fortify SCA, Docker, Kubernetes
<b>Data Science and AI</b>	IPython, NumPy, SciPy, MatLab, Matplotlib, Pandas, Jupyter Notebook, Anaconda, Scikit learn, Tensorflow, AWS - Sagemaker, Rekognition, Forecast
<b>Architecture and methodologies</b>	Software Architecture, Design patterns, Enterprise Architecture; Solution Architecture; Application Architecture; High performance, high availability, SOA, Serverless & Event Driven architecture, Object Oriented Analysis and Design (OOAD), Design Patterns, UML, Database modeling, Clean Code, Rational Unified Process (RUP), TOGAF, Zachman Framework, Multi Tier, TDD, BDD, Full stack development, Continuous Integration, Continuous Delivery (CI/CD), Application integrations (SalesForce, QuickBooks, SAP, PeopleSoft, workday) via Dell Boomi, Workato Project Management, Agile/Scrum, ScrumMaster, microservices architecture, Team Leadership, Task allocation, tracking, code reviews, code refactoring, Project plan.

## Work History

 <b>Since 2014</b> 5 years	 <a href="#">Replicon</a> –  Bangalore, India –  <a href="#">Technical Lead</a> . Achievements : Architect, Full Stack Design & Development, Mobile, AWS, Cloud Migration, IOT, Project Management, DevOps, CI/CD, infrastructure as Code, Multi tenant Architecture, Integrations, Pay rule Compliance, GDPR, Fed ramp, server hardening, tool selection & technology, research, architecture, design, development, testing, benchmarking, envision solutions with Open Source Technologies, development planning & execution, Scrum Master, technical leadership, Build management, performance engineering and capacity planning, performance, scalability, availability, reliability, security, load balancing, clustering, database partitioning, encryption mechanisms
 <b>2012 - 2014</b> 2 years	 <a href="#">AllScripts</a> –  Bangalore, India –  <a href="#">Senior Software Engineer</a> . Achievements : <a href="#">Care management product</a> , Expertise in the Healthcare Domain, Software Design & Development, Coding & Unit testing, Microsoft Azure, Service Oriented Architecture (SOA) and MVP/MVC architecture, Agile methodologies, Coding and Development, Bug Fixing, security remediation. OWSAP, Complies with HIPAA security regulations via HP Fortify SCA Analysis Tool. Supports several messaging format types including HL7, fixed-width, and delimited file formats, Windows Services for Business process automation & multi threading, Knowledge of Health care compliance, DICOM, HL7, FHIR, IHE, NEMA, HIPAA
 <b>2011 - 2012</b> 1+ years	 <a href="#">Odessa Technologies</a> –  Bangalore, India –  <a href="#">Senior Software Engineer</a> . Achievements : Expertise in BFSI, Leasing Domain, Coding and Development, Bug Fixing, Entity /Record Locking, Cross Browser Compatibility, Dynamic MS SQL Agent Jobs for Account / Ledger update, Globalization and Localization, Unit Testing, Module/integration testing, Workflow-based user security and control, Batch processing

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 **2006 - 2011**  [Zenith Textiles](#) –  Mysore, India –  [System Analyst](#).





5+ years

*Achievements :*

*Expertise in ERP Domain software Design & Development, Systems Maintaining and upgrading, Designing frameworks, Troubleshooting, Collaborating with Business Analysts, Project Leads and IT team to resolve issues, Active Directory, LDAP, Microsoft .net MSSQL, Window Server, ad-hoc queries, Quick POC, Technical Design document, Modules : Human resources, Finance/Accounting, Supply Chain Management, Order Processing, Inventory and Procurement*

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## Education

 **2006 - 2010**  Bachelor of Engineering in Computer Science.  
 [Sri Jayachamarajendra College of Engineering](#)  Mysore, India

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 **2003 - 2006**  Diploma in Computer Science.  
 [CPC Polytechnic](#)  Mysore, India