

# Giridhar Prasad

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## Experience summary

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More than eleven years of IT expertise and experience in architecting, designing, developing and deploying enterprise standard, complex software applications based on business needs.

## Work Experience

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Total Experience - 13 years and 02 months

<b>Project name</b>	British American Tobacco
<b>Duration</b>	04 May 2016 to till date
<b>Domain</b>	E-commerce
<b>Role</b>	Solution/Enterprise Architect
<b>Description</b>	<p>British American Tobacco plc (BAT) is a British multinational tobacco company headquartered in London, United Kingdom. It is the largest publicly traded tobacco company in the world.</p> <p>BAT has a market-leading position in over 50 countries and operations in around 180 countries.</p> <p>Source (<a href="https://en.wikipedia.org">https://en.wikipedia.org</a>)</p>
<b>Responsibilities</b>	<p><u>Solution architect responsibilities</u></p> <ul style="list-style-type: none"><li>• Provided enterprise class architecture solutions by creating multiple views, presenting architecture from different perspectives and with defined accuracy. Views were based on 4+1 model encompassing developer view, logical view, process view, physical view and different use cases/scenarios.</li><li>• Engage with key program stakeholders such as Information Technology (IT) Director through periodic workshops and ensure that the work delivered is in line with the vision of customer's business.</li></ul>

	<ul style="list-style-type: none"> <li>• Carried out Proof Of Concept (PoC) work for complex implementations as well as established core framework/layers for developers to carry on with coding</li> <li>• Performance management before and after product release including Java Garbage Collection (GC) tuning, application tuning, Oracle instance and query tuning.</li> <li>• Efficient utilization of non-production environments/assets for development/testing while handling parallel, multi- geography product releases.</li> <li>• Proposed a Continuous Delivery framework with suitable tools in order to facilitate the Continuous Integration (CI), Continuous Testing (CT) and Continuous Deployment of (CD) completed code into non-production environments.</li> <li>• Resolved complex Production issues related to performance bottlenecks such as memory leak as well as functional issues related to incorrect/incomplete concurrency implementation</li> <li>• Mentored and nurtured junior architects and other team members from a technical standpoint.</li> </ul> <p><u>Enterprise architect responsibilities</u></p> <ul style="list-style-type: none"> <li>• In addition to the primary responsibility of being a solution architect in BAT, served as an enterprise architect for Consumer Business Unit (CBU) vertical within Wipro and worked with accounts such as Levi's and Philip Morris International (PMI).</li> <li>• Tasked with identifying the gaps in terms of team structure, composition, governance, risk management and provide appropriate solutions, in addition to architecture design and review activities within the CBU vertical, proactively to the top/critical accounts.</li> <li>• Worked with the Levi's team was during peak season last year and ensured that the application availability was close to 100%, so that business could meet its sales targets.</li> <li>• Worked as key stakeholder as part of a SWAT team in PMI account, in order to help them resolve few of their technical issues.</li> <li>• Contributed to Request for Proposal (RFP), pertaining to the sections on how to strategize and create a solution road map for the transformation program.</li> </ul>
<b>Key solutions proposed/executed</b>	<ul style="list-style-type: none"> <li>• Proposed a solution to migrate, upgrade and integrate Business Rules Management System of RedHat platform with SAP Hybris, using REST as the integration layer, in line with multi-tenancy vision of the business.</li> </ul>

	<ul style="list-style-type: none"> <li>Proposed a solution for a Single Sign On (SSO) use case, between Hybris and a third party loyalty platform using encrypted and signed JSON Web Token (JWT) concept.</li> <li>Proposed and carried out a Proof Of Concept to create a conversational Artificial Intelligence (AI) bot using Google's Dialogflow, Node js and Angular.</li> <li>Proposed a solution to verify the integrity of all incoming files within the enterprise, as a security measure.</li> </ul>
<b>Organization</b>	Wipro Technologies

<b>Project name</b>	Allianz
<b>Duration</b>	18 Jan 2016 to 07 Apr 2016
<b>Domain</b>	Insurance
<b>Role</b>	Technical Architect
<b>Description</b>	The customer is a leading insurer which, through its subsidiaries, provides property and casualty insurance services, life insurance services, and health insurance services.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>Conceptualize and build a migration service to synchronize changes between front end Case management platform and middleware layer.</li> <li>Understand the business problem from customer and design the solution to meet all their non-functional requirements.</li> </ul>
<b>Key solutions proposed/executed</b>	<ul style="list-style-type: none"> <li>Proposed and built a SOAP based web services layer to keep the changes in the Case management application in line with middleware.</li> </ul>
<b>Organization</b>	Tata Consultancy Services Limited

<b>Project name</b>	NEST
<b>Duration</b>	30 Oct 2009 to 15 Jan 2016
<b>Domain</b>	Pensions
<b>Role</b>	Developer/JEE Designer/Technical Architect
<b>Description</b>	<p>The UK government project is one of the qualifying pension schemes that employers can use to meet their new duties.</p> <p>It was set up as part of the government's workplace pension reforms.</p>

<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Providing solution and technical architecture for various business requirements.</li> <li>• Responsible for Capacity planning and management.</li> <li>• Worked on Performance modelling and performance tuning of web applications, batches, Oracle database and Web server.</li> <li>• Analyzed the existing enterprise landscape of tools, products, framework &amp; APIs used and strategized the upgrade/migration roadmap.</li> <li>• Conduct regular code reviews to ensure adherence to coding standard and design principles.</li> <li>• Recommended and implemented web application security architecture, as per security compliance requirements</li> <li>• Planned and implemented enterprise monitoring strategy for the complete application landscape.</li> <li>• Recommended tools and frameworks to improve/enhance the enterprise IT landscape, in collaboration with Architecture Review Board (ARB).</li> </ul>
<b>Key solutions proposed/executed</b>	<ul style="list-style-type: none"> <li>• Proposed and built an email like functionality for secure message exchange between the customer and the scheme. The solution design for this use case/business process spanned across the web portal, document creation system, Enterprise Content Management (ECM) system, a Case management system and a Data warehouse using several integration techniques such as Web services, Java Messaging System (JMS) and Extract, Transform and Load (ETL).</li> <li>• Proposed the solution design for an industry first integration channel using asynchronous, REST based, self-recovering solution as public APIs to support the key business processes. JMS and MDB were used as the integration technologies.</li> <li>• Proposed a solution to bring in Oracle based platform for reporting and managing accounting transactions from General Ledger. This also involved migrating accounting transactions from Data warehouse into the Oracle Exadata database and report the financial transactions using OBIEE reporting application.</li> <li>• Proposed a solution to integrate Web chat solution with the web portal.</li> <li>• Proposed deployment architecture for big data based online data archival product.</li> </ul>
<b>Organization</b>	Tata Consultancy Services Limited

<b>Project name</b>	Internal tools development
<b>Duration</b>	01 Apr 2008 to 29 Oct 2009
<b>Domain</b>	Technology
<b>Role</b>	Research Analyst/Developer
<b>Description</b>	Help the project teams achieve their objectives by building handy tools/frameworks, which will enable them to complete their work, faster.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Primary responsibility was to try out new technologies and frameworks and tailor them to fit requirements and deliver them in shortest possible time (not more than 3 months).</li> <li>• Design, develop and deliver tools mainly by customizing Content Management System (CMS) frameworks such as Wordpress.</li> </ul>
<b>Organization</b>	Tata Consultancy Services Limited

<b>Project name</b>	Norwich Union
<b>Duration</b>	11 Jan 2007 – 31 Mar 2008
<b>Domain</b>	Insurance
<b>Role</b>	Developer
<b>Description</b>	<p>Norwich Union was the name of insurance company Aviva's British arm before June 2009. Since then it has been acquired by Aviva and has become a part of it.</p> <p>They provide services such as Car insurance, Home insurance, Travel insurance, Life insurance, Health insurance etc.</p> <p>Source (<a href="https://en.wikipedia.org">https://en.wikipedia.org</a>)</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Design and generate reports using a report generation tool from an incident management system to meet the management requirements.</li> </ul>
<b>Organization</b>	Tata Consultancy Services Limited

<b>Project name</b>	Nissan Motor Company Ltd
<b>Duration</b>	30 Jun 2005 – 27 Dec 2006
<b>Domain</b>	Automobile
<b>Role</b>	Developer

<b>Description</b>	Nissan is a Japanese multinational automobile manufacturer and it is the sixth largest auto maker in the world.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Mesh the automobile engine component specifically in order to test and simulate crash analysis.</li> </ul>
<b>Organization</b>	Quantech Global Services/Wipro Technologies

## Education details

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<b>Education</b>	<b>Specialization</b>	<b>Year of graduation</b>	<b>Institution</b>
Bachelor of Engineering (B.E.)	Mechanical Engineering	2005	Amrita Institute of Technology and Science

## Awards and Recognitions

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- Awarded The Best Architect award from Consumer Business Unit vertical in Wipro for Q3, 2018.
- Awarded The Best Architect award from Strategy, Consulting and Architecture practice/service line in Wipro for Q4, 2018.
- Runner-up of Global top 10 coding contest using Java programming language within Tata Consultancy Services Limited, which is an Organization wide coding contest.