

Preethi Dixit



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Abstract

- Vice President, Wealth Management at Morgan Stanley, Bangalore.
- **12+ years** of experience spanning Spring, Java, multi-threading, OOAD, data structures, algorithms.
- Expertise in building public APIs for products using REST. Reviewed and revised several product APIs as a member of the REST Board.
- Pivotal role in re-architecting legacy modules to follow OO principles.
- Key role in building strong teams, nurturing technical talent, pioneering best engineering practices and leading team of engineers towards deliverable.
- As a key contributor to the team, resolved critical issues on performance, compatability and production-down issues.
- Developed collaborations across various products existing within the same ecosystem so that they do not work in isolation and can use each other's services.
- Worked on several UI technologies spanning ExtJS, GXT, GWT. Familiar with Angular JS and Bootstrap.
- One of the Winners of the EMC Innovation Conference 2014 for Unified REST Infrastructure.
- Collaborated towards Cross-BU initiatives across Documentum and RSA products.

Executive Summary

Organization Name	Duration	Title
Morgan Staley	Aug 2015 – Present	Vice President
EMC Corporation	Sep 2007 – May 2015	Principal Engineer
Wipro Technologies	Apr 2003- June 2007	Softwarre Engineer

Education

Institution Name	Course	Grade
BITS Pilani	M.S (S/W Eng)	CGPA 9.3
University of Madras	Bachelor of Computer Applications	78%

Achievements

- Batch Topper in Post Graduation and received 'Excellent' rating for dissertation.
- 'Best Academic Performance' awards throughout the years of Graduation.
- 'Best Outgoing Student' award in Graduation.
- Received several Quarterly Top Performer Award at EMC, Meteor, Silver, Bronze Awards for innovation, performance and being a mentor.
- Received Wipro's 'Feather In My Cap' and 'SMS Team Member' awards.
- Completed Wipro's 'Future Manager Program'.
- Completed the exclusive RISE Program at EMC.

- Won 3rd Prize in All India Hackathon conducted by Intuit.

Specialties

1. **Technologies/ APIs** – UML, OOAD, JSP, Servlets, AOP, JAXB, Log4j, HTML, XML, XSLT, AJAX, DOM, COM, DCOM, MFC, Win32 API, InstallShield 10.5
2. **Programming** – Java, JavaScript, ExtJS, GXT, GWT, C++, C, SQL, XML/ XSD
3. **Frameworks** – Spring, junit, JAX-WS
4. **Development Models** – Test Driven, Agile (Scrum), Waterfall
5. **Software Configuration Management** – Rational Clearcase, Perforce, Starteam
6. **Tools** – Wireshark, FindBugs, TcpMon, jMeter, Globalyzer, Fortify etc.

Key Contributions

1. **EMC Documentum D2** -
 - a. Architected the public REST API for Documentum D2. Prototyped, developed and delivered the REST services.
 - b. Integrated the Documentum D2 with other products in Documentum.
 - c. Developed features on the product such as Multi Repository Browse, search, SSO etc.
2. **EMC Documentum WDK** -
 - a. Re-wrote various legacy modules to follow OO principles.
 - b. Integrated ECIS search plugins with WDK to enable external search.
 - c. Worked on performance, interop and browser compatability.
3. **EMC Documentum xCP** -
 - a. Developed runtime UI Components which are rendered by the browser out of JSON generated by the platform.
 - b. Fixed issues on the runtime UI for performance, interop and browser compatability.
4. **Wipro - Nortel OTM/EM** -
 - a. Re-wrote the installer of the product in Install Shield.
 - b. Developed features for SSH, IPsec for communication between elements of the system.
 - c. Wrote the diameter protocol in Java.
 - d. Fixed issues on several modules of the product.

Inventions/Trainings/ Presentations

1. **Unified REST Infrastructure** – One of the Winning Ideas of the Innovation Conference awaiting patent application.
2. **WDK iSpecialist** – trained the support team which reduced incoming Support Requests to the Dev team by 50%. Was recognized for delivering productivity gain across Support and Dev Orgs.
3. **D2 Support Interlock** – successfully trained Support and Consulting teams on Product Architecture and Critical Modules to achieve faster turnaround on Customer Requests for Configuration and Customization.

Interests

Big Data – Certified EMC Certified Data Science Associate.