Anish Patel

Principal Engineer

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About Me

I have over 14 years of experience in leading teams who design and deliver software-based solutions in the Insurance & Banking industries. I've worked extensively with Insurers, Reinsurers and Brokers across the globe with a particular emphasis on improving their data and analytics capabilities via custom built applications and systems integration within the property cat space. I consider myself technology agnostic with experience in .net, Java, Python, Docker, React and AWS. My key focus is in delivering value to my clients and I work best in an environment where I'm engaged with business users and stakeholders.

Experience

Principal Engineer (Platform Engineering)

Feb 2023 – Current

Moody's RMS – Bellevue

- Driving platform engineering disciplines and standards across Moody's Analytics
- Ensuring high quality platform and software delivery
- Developing a compelling value proposition for Moody's operating entities to adopt Platform Engineering services and tools
- Supporting other engineers in the Platform Engineering organisation
- Responsible for designing solutions which produce cost reductions on cloud infrastructure spend and other resource spend for operating entities within Moody's

Head of Technology Consulting (Director)

July 2018 – Jan 2023

Moody's RMS – London

- Line managing and growing a team of Technical Architects, Solutions Architects and Developers split across multiple regions.
- Building relationships with external partners to be able to scale out the integration capabilities of RMS Consulting
- Leading a cloud first technology strategy approach internally and with our clients to provide great value solutions (primarily AWS)
- Responsible for weekly stakeholder communication on project status as well as estimation and budgeting for new projects in the pipeline
- Engaging with and presenting to C-Suite at our clients as part of pre-sales activities
- Responsible for technical direction for RMS Consulting, serving as the decision maker for technology decisions (Cloud Infrastructure, Libraries, Frameworks, Design Patterns & Architectures)
- Work closely with Project Managers, Functional Consultants, Cat Analysts and Deployment engineers
- Aligned technology and security strategy of RMS Consulting projects with RMS group practices
- Responsible for ensuring profitable use of cloud resources - aligning spend of individual projects to cloud budgets
- Manage the production support process of bespoke applications with defined SLAs

Technical Architect then Solutions Architect

May 2013 – July 2018

Moody's RMS – London

- Technical lead for Europe based clients, leading technical consulting engagements and teams
- Developed custom applications and integrations for our clients using the following technologies; C#, Java, Python and delivered either in AWS, Azure or on-prem Windows Server
- Workflow analysis and development of client workflows to increase efficiency
- Designed Integration Strategy for RMS client integrations
- Responsible for planning out projects (resource and cost estimates), providing Statements of Work and Quotes
- Developing a DevOps approach within the team (code coverage, continuous integration, code reviews and continuous deployment)
- Architected and developed an ETL testing solution to enable automated testing on data integration

Front office Software Engineer   Jun 2011 – May 2013

Goldman Sachs – London

- Responsible for automating the Interest Rate Swap flow from inquiry through to booking
- Delivered a workflow orchestration messaging based platform (Java Drools & C# Winforms)
- Responsible for delivering key technology projects to ensure compliance with Dodd Frank
- Server-side work in Java, Slang and SecDB
- Produced automated analytics on time spent servicing clients against revenue
- Weekly L1, L2 & L3 support rotation to our 80+ users

Front office Software Engineer   Jun 2010 – May 2011

Commerzbank – London

- Provided ad hoc technology services to structurers, quants and traders
- Set up and executed a back-testing framework to test various product strategies
- Daily calculation of hundreds of equity and commodity index prices and publishing to market data sources like Bloomberg
- C# 4.0 based work using various open source and in-house libraries
- Usage of market data from Bloomberg, Reuters and Murex
- Creation of front office Excel tools using Excel DNA to expose C# API

Analytical Developer   Oct 2008 – Jun 2010

Moody's RMS – London

- Developed data intensive applications using C#, VBA and SQL Server
- Worked in a team of agile developers with a focus on bespoke consulting engagements with (re)insurance companies
- Excel applications using C# APIs through VBA and VSTO
- Researching efficient heuristic methods of portfolio optimisation e.g. Genetic Algorithms

Professional Courses and Qualifications

AWS Certified Solution Architect Course	2020
Oracle Certified Associate Java SE 8 Programmer	2016
M101P MongoDB for Developers	2014
Certified Scrum Master	2014
Developing Windows applications with Visual Studio 2010 (WPF)	2011
Certified Catastrophe Risk Analyst Training Program	2010

Education

PG Cert Mathematical Finance
University of York

Oct 2007 – Sep 2008

BSc (Hons) Economics and Finance 1ˢᵗ Class
Brunel University

Oct 2004 – Jun 2007