

# Prashant Nigam

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Solution Architect at Cognizant • Solution Designing • Data Analysis • Data Modeling • Mobile Development • Full Stack Development - Java / Angular / Android / Cordova / Azure • Training And Team Building

## Summary

Solution Architect with 10 years of hands-on experience in developing web and mobile applications. Experience in developing applications using COTS and Open-source technologies and products. Experience in the Agile and Waterfall development approach. Owning and maintaining the end-to-end development and support cycle. Demonstrated excellent presentation and communication skills while conducting functional and technical training sessions.

Currently handling design, solutioning and leading development team of around 10 members for entire workstream for a major UK client

## Technical Skills

**Languages:** Java, JavaScript, Python, SQL, KQL

**Frameworks:** Angular, Cordova

**Web Technologies:** Spring Boot

**Databases:** PostgreSQL, Microsoft SQL Server, Oracle Spatial. Data Modelling

**Mobile Technologies:** Android, Cordova, Ionic

**Code and Issue Management:** SVN, JIRA, GIT

**Cloud Technologies:** Azure WebApps, Azure API Management, Azure Code Management, Azure WebJobs, Azure Functions, Azure AD, Azure Data Explorer

## Experience

### Solution Architect

#### Cognizant

Jan 2016 - present

- Designing solutions by understanding the functional and non-functional requirements to ensure compatibility with the design intent and recommended tech stack.
- Developing python OGC standard WMS, WFS APIs for weather data visualization with Azure data explorer as data source.
- Developing web applications using Angular and Open layers and ArcGIS mapping libraries.
- Developing unique and compatible solutions by bringing together various open-source technologies by creating new or by modifying libraries.
- Data analysis and database design for high volume time series weather data for continuous storage and fast retrieval optimizations.
- Migrating data providers for multiple business critical applications for a large hospitality client by mapping the dependencies across n-tiers of the applications and designing optimum development path.
- Leading the development team to complete the deliverables on time with minimum defects and high code quality.
- Conducting trainings for skill building.
- Integration of Web and mobile apps with various third-party systems like SAP, Oracle Field Services, Salesforce.
- Implementing database and code optimization and performance enhancements.

## Certification

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Azure Fundamentals (AZ-900)

Azure Solutions Architect Expert (AZ-303, AZ-304) - Ongoing

## Education

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Bachelor of Technology: 2007 – 2011

Master of Business (IT): 2015 - 2017

## Awards

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Won Technology Innovation award for developing Hybrid Mobile Online/ Offline application in 2019.

## Experience

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### Sr. Software Engineer

ESRI

Sept 2015 – Jan 2016

- Designing and developing Java web applications.
- Data analysis and documentation.
- Working on Android applications developed using ArcGIS android SDK.
- Requirement gathering and documentation.
- Performance optimizations.

### Software Engineer

RMSI Ltd.

Oct 2012 – Aug 2015

- Planning and successful rollout of 'Mobile Application to Secure Tenure' application for USAID
- Developing and maintaining Java desktop and web applications.
- Developing database archiving tool for managing historical data while maintaining application usability of the data.
- Developing generic rule engine for Land management projects.
- Worked on developing first of kind Field Survey and data collection mobile application using ArcGIS android SDK and native mobile libraries.