



Ambesh Kumar

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Professional Summary:

Full Stack Developer having interest in programming and problem solving with a demonstrated history of working in software development.

- Having **7.5 years** work experience in Python, Django, FastAPI, Pyspark along with AWS
- Having good Experience on AWS services like AWS Lambda, S3, AWS Glue, Step Functions, Athena and DynamoDB
- Know good practices to follow for code development, **Database query optimization** and basic knowledge of normalization. Used **Sonar Qube** for **code review**.
- Experience in Agriculture, Telecom Billing, Banking and Insurance Domain technology.
- Sound problem-solving skills, communication skills and business understanding.
- AWS Certified for cloud Practitioner (CLF-C02)

Skills Snapshot:

Technical Skills	Python, Django, Pyspark, Wxpython, FastAPI, AWS Lambda, S3, SQS, SNS, EventBus, DynamoDB, SqlServer
Functional Skills	Rally, JIRA, Documentation, Good business understating and communication.

Education Details:

Qualification	Educational Institution
Graduation (B.Tech -IT)	Mahatma Gandhi Mission College of Engineering & Technology, Noida, Uttar Pradesh
HSC	Mahatma Gandhi inter College, Gorakhpur, Uttar Pradesh
SSC	Mahatma Gandhi inter College, Gorakhpur, Uttar Pradesh



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Detailed Professional Experience:

Current Organization	Tech Lead, Yash Technologies Pvt. Ltd. (Jul 2015 - till date)
Previous Organization	Sr. Software Engineer, Tech Mahindra Pvt. Ltd (May 2013 - Jul 2015)
	Software Engineer, Rkco Group Pvt. Ltd (Feb 2012 - May 2013)

Detailed Project Experience:

Project 1	Mar2024 - Current
Client Name	Resolution life (RLUS)
Project Name	Business Event Platform
Team Size	7
Role	Tech Lead
Environment	Python, React, Django FastAPI and AWS

Brief Description of Project:

Resolution Life US primarily focuses on health and life insurance services. This product deals with life and health insurance data and implemented new security protocols to protect user data

Contributions:

- Led a team of 7 developers to redesign and developing the application
- Implemented new security protocols to protect user data.
- Integrated third-party APIs for real-time transaction processing
- Processed and transformed the data using AWS glue and Athena
- Conducted code reviews and ensured adherence to best practices.

Project 2	Mar 2017 - Mar 2024
Client Name	John Deere Pvt. Ltd
Project Name	Data Manager
Team Size	6
Role	Tech Lead
Environment	Python, ReactJs, Wxpython, Pyspark,Django, Sqlserver, RestAPI, Pandas, NumPy

Brief Description of Project:



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This software basically manages the data from client to back office server. It helps to collect the third-party data from the multiple display server. And we process it share that data to operation server

Contributions:

- Leading the team in various technical and functional process areas
- Interacting with client, taking the requirement, and developing the software
- Code development
- Database Query optimization.

Project 3	Jul 2015 - Nov 2018
Client Name	John Deere Pvt. Ltd
Project Name	Apex
Team Size	6
Role	Module Lead
Environment	C#, WinForms, RestAPI, Sqlite

Brief Description of Project:

Apex is a John Deere's precision forming software which process the real time point to point forming data collected through various sensor in field with the help of GPS and precision forming technique. Apex store and apply various agronomic algorithm to represent the aggregated farm data to end farmers/dealers using various maps, reports, and profit loss predictions. It also enables the users to prescribe their fields based on the history data can be directly pushed into equipment in field through transferring data wirelessly. This involved integration with API team, APIs developed in Dotnet platform

Contributions:

- Leading the team in various technical and functional process areas
- Interacting with client, taking the requirement, and developing the software
- Code development
- Database Query optimization.
- Code Refactoring

Project 4	May 2013 - Jul 2015
Client Name	British Telecom



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Project Name	Viper-Brite and Billing
Team Size	8
Role	Senior Software Developer
Environment	Dotnet, WPF, MVVM pattern, Sqlserver, Design pattern

Brief Description of Project:

VIPER BRITE application is Billing and Invoice System. It is split into two main groups, one for the tasks automation and the other for the data entries and pricing information maintenance. Viper Brite application collect the raw data from router, switches and converts in CDR and finally after applying all the business rule generates invoices for BT Customers.

Contributions:

- Leading the Migration of Legacy application to C#.Net 4.0, MVVM architecture
- Designed and developed the application frontend in WPF.
- Database Query optimization.
- Code Reviewing and Refactoring

Project 5	Apr 2011 – May 2013
Client Name	Philip Morris International
Project Name	Viper-Brite and Billing
Team Size	8
Role	Senior Software Developer
Environment	C#.Net 4.0, WCF, WinForms, SQLServer 2005/2008, LINQ, TFS, SQL Profiler

Brief Description of Project:

PMI Module is the Sale based Automation. This Module create the journey generation and Route plan for different position like sales Executive and Mercendiser for visiting different area to sale their product and also covered the sales order, Purchasing order, Invoice creation behalves of the customer satisfaction. And this module maintain all the day by day records of all regarding this in the form of Excel, pdf and created the download file for client and upload file for back office

Contributions:

- Designed and Developed the application in C#, WinForms
- Worked on backend programming in SQL Server 2008



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- Understanding Domain.
- Code Refactoring