

Prashant Kumar Mishra

Software Development Engineer IV (Lead/Manager)- GoDaddy

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Profile

Enthusiastic technologist with 13-year experience in Web & Enterprise applications using Java full-stack, MERN Stack technologies, AWS cloud infrastructure and microservices in large scale distributed environment. I describe myself as a cohesive team worker, having strong analytical, problem-solving, and interpersonal skills. Experienced in building and mentoring team from scratch.

Work History

SDE4-MCPS, RAG, Agentic App implementations., GoDaddy 04/2025 – current

- Mentored everyone on team to create MCP apps. Demonstrated through Bootcamps using implementations relevant to our day to day task.
- Created A complete open source project implement RAG using different kind of files like pdf; docs, log file etc. Used ReactJS, typescript, Pinecone vectorDB, Huggingface free vector embedding model. Used Graphana, Loki, Prometheus stack for monitoring.
- Conducted bootcamp for Agentic Application development using simple applications and created some personal projects on it using langchain, langgraph, Groq, langsmith for monitoring.

SDE4 Prompt Management Application, AI expert and mentor on team, GoDaddy 12/2024 – current

- Developed an application to maintain lifecycle of prompt and Prompt experimentation for whole organization in Typescript, redis, OpenFGA, Oauth, AWS Bedrock and langfuse. This uses adapter pattern to support different providers.
- Conducted various sessions with team related to Prompt building, co-pilot, LLM overview.
- Also created side Projects related to Agentic AI, RAG, Vector DB, Ollama, MCP protocol.
- Also got chance to work on salesforce AgentForce
- Worked with leading LLM models- ChatGPT, DeepSeek, Claude
- Used Productivity tools like GitHub Co-pilot, Copilot code review

SDE4-Profiles Sync (-165M customers) to Amazon connect and salesforce, GoDaddy 12/2024 – 05/2025

- Realtime sync of GoDaddy Customer Profile data
- One-time bulk Upload
- Created System architecture and working as lead engineer for this project.
- Mentoring junior devs on team along with vendors

SDE4- CMAPI Design, Genesys voice contact center, IAC using CDK and Scepter, GoDaddy 05/2024 – 11/2024

- CMAPI is middleware API for any product sale and after sale support case created.
- Contributed to high level and low level design along with development.
- CDC pipeline design for reporting purpose
- Created CDC pipeline using sceptre
- Created Real-time CDC pipeline using AWS lambda, Event Bus, API Gateway.

- Product recommendation system system using Salesforce Agentforce.

SDE3-Amazon connect infrastructure and CDC set up using CDK, GoDaddy

06/2023 – current

- Setting up amazon connect infra to support our customer care in 3 continent and 5 data centers
- Setup initial developer guidelines and code flow for infrastructure creation using CDK
- Setting up event-based CDC pipeline using kinesis, event bus, lambda and s3.
- Created Amazon connect infrastructure using CDK and create s3 bucket and kinesis stream,
- Collection of data from kinesis stream and convert data in domain model.
- Send domain data to Splunk and data lake and redshift,
- Created scan lambda which can scan threats and drop the malicious attachment.
- Voice set up using Genesys
- AI assist agent development and Generative and Agentic AI using RAG.

SDE3- Salesforce CRM setup, development CI/CD and AWS CDC data lake, GoDaddy

- Being first developer in team, set up the salesforce CRM and different integrations from scratch.
- Wrote Salesforce automations from scratch using Apex and Flow
- Setup salesforce CDC using Appflow, lambda, s3 and step function and developed event-based CDC
- Created reusable AppFlow CloudFormation Template for company service catalogue as community contribution
- Sync data to and from salesforce using aws infrastructure.
- Salesforce AI certified. Agentforce expert in team.

SDE-Back end for Goldman Sachs [client]-LEX Document management Application, Sapient

09/2021 – 05/2023

- Responsible for creating client config service which onboards users dynamically
- Worked on Log processor using Kafka streaming and Logstash.
- Worked on lex document storage system with Attivio and Blue green deployment.
- Created automation to generate new tenant cluster on demand
- Worked on distributed system with mongo DB and microservices.
- Worked on on-prem servers for troubleshooting and infrastructure provisioning using Terraform.

SDE- Full stack for Goldman Sachs [client]-Client Hub CRM application Front end (react), Sapient

08/2020 – 09/2021

- End to end ownership of creating features to sync contacts with outlook365.
- Learnt and implemented various Graph APIs exposed by office365.
- Worked on React JS from end UI creations and troubleshooting.

SDE- Full stack two factor authentication system using auth2.0, spring, react for Sapient, Sapient

05/2020 – 08/2020

Profile Server needs JWT token from auth-server because it verified JWT signature. It has all APIs to do

- CRUD operations on user data using JPA.
- Two factor Server has APIs to send verification email, OTP creation and validation. OTP was sent both through Email and SMS.
- UI Service was built in ReactJS which had create account, login, profile dashboards and customer OTP validation screen.
- All these microservices were deployed in AWS and used MYSQL Db to store data.

SDE-GPS-Site Creation Automation, SREMATE App, Expedia <ul style="list-style-type: none"> Contributed to architecture of automation, created rest APIs and UT. Back end was created in spring boot and front end in ISP which allowed creation of dynamic UI. Created dynamic header footer customization and replaced legacy PL/SQL to hibernate JPA Improved monitoring and logging of the system using tools like Graphana and Graphite. Created portal for showing cost and vulnerability and security scan powered by AWS lambda(SREMATE app) 	03/2018 – 04/2020
SDE-Loyalty Smart Connect and Loyalty microservices, Expedia <ul style="list-style-type: none"> Created adaptor microservices to communicate between loyalty platform and payment system. Replaced expensive Rabbit MQ with AWS SQS for pub sub architecture. Contributed to spring boot microservices and created Redis cache. 	10/2017 – 03/2018
SDE- Config Auto discovery and Marketing Technology for our partners, Expedia <ul style="list-style-type: none"> Used AWS lambda to listen to the config changes in various git repos across organisation Lambda sends changes and git sha to SQS via SNS and all messages are processed, and changes persisted in MySQL. Db. We intelligently extract useful information using spring hool microservice useful for automation, Created customised pages for programmes like military rewards, HSBC Worked for 50 affiliate partners, built responsive UI, did A/B testing to increase user volume. Built from scratch couple of microservices in AWS for payment and bin validation for AIRNZ and BANAMEX Created partner program solution using customised UI for enrolment and customised back-end. Ownership of services like Expedia business rewards, data warehousing using live transaction db. 	01/2015 – 10/2017
Senior Programmer Analyst - Customer Origination System, <i>Standard Chartered Bank</i> <ul style="list-style-type: none"> Created module to interface WebSphere MQ and process messages using Message driven bean Process, persist, log, and troubleshoot third party messages received on-prem servers Created 30-page mortgage loan application using XSL and Apache fop library Worked on Sap crystal report with SQL DB to generate various forms for the bank 	06/2012 – 01/2015

Education

BTech in IT, CUSAT, Kochi with 78.6%.	2012
+2 (Science), Rose public School, Darbhanga (CBSE) with 81,8%.	
10th, Jesus & Mary Academy, Darbhanga (CBSE) with 86.2.	

Skills

- Technology integration
- Training and mentoring
- Team Building
- Interdisciplinary Collaboration
- Strategic planning
- Critical Thinking

Awards

Regional mathematical Olympiad winner

01/12/2005

French language certificate from CUSAT
with 69%.

Technical Skills

Java | Typescript | Python | Spring | Spring Boot | Microservices | Kafka | SQL | Elasticsearch | Rest API | ReactJs | NodeJs | Actuator | JUnit | Mockito | Docker | Kubernetes | Design Patterns | Design Principles | Git Jenkins | Grafana | Splunk | Jira | Maven | Gradle | Mongo DB | Gitlab | Android | WebSocket | CDK | AWS lambda | AWS kinesis | Amazon-connect | CloudFormation | GitHub Action | salesforce APEX | salesforce Flow | salesforce CI/CD using scratch org