

Raktim Nath

Lead Engineer | Full Stack & Data Engineering

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Professional Summary

- 10+ years of IT experience with expertise in software development and data engineering.
- Strong problem-solving skills gained from tackling diverse technical challenges.
- Skilled in system design proposals, aligning IT solutions with business requirements.
- Database expertise: SQL (MySQL, MS SQL Server, PostgreSQL), NoSQL (MongoDB), Data Warehouse (Hadoop - Hive).
- Programming & frameworks: Go, Python, NodeJs, PHP, Angular, JavaScript/jQuery, HTML, SCSS/CSS, Codeignitor, Flask, Fast API, Bootstrap
- API & Integration tools: Akana, MuleSoft, AWS API Gateway, Ocelot.
- Cloud platforms: AWS (Lambda, EC2, S3, ECS), Azure (Azure AD), GCP (BigQuery, Cloud Run)
- Proficient in Git, SonarQube, and Linux commands for development and code quality.
- Adaptable and confident in transitioning across technologies to meet project needs.

Skills

Python (Flask, Fast API), NodeJs, GoLang, SQL (PostgreSQL, MySQL, MS SQL Server), NoSQL (MongoDB), Airflow, Angular, HTML, CSS/SCSS, JavaScript, JQuery, PHP (CodeIgniter, Laravel, Symphony, Wordpress), BigQuery, Hadoop, Hive, AWS (S3, Lambda, ECS, EC2, Route53), Docker, Kafka, YAML, API Gateway (Ocelot, Akana, MuleSoft AWS), SSO, MS Excel,

Work Experience

Lead Engineer (Promoted from Senior Software Engineer)– Carveing Solutions. (2020 – Present)

- Ownership to the assigned work items.
- Led the In-House HRMS portal.
- Understanding the business requirement and implement it accordingly.
- Help the business owner or stakeholder to understand about the implementation and suggestions.
- Involve in the meeting and suggest/propose about the approaches.
- Integrate 3rd party API wherever applicable.
- Manage the assigned work items in the Azure or Zira whichever is applicable for the respective project.
- Collaborate with the team for successful delivery of the project.

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- Support to the stakeholders if in case they are looking for some information about the ongoing work items.
- Build the frontend system based on the agreed prototype and bind it with the backend services.
- Build the APIs for the frontend or other downstream team to consume.
- Use testing tools and test scenario to perform tests on the ongoing project.
- Build data pipeline required for reporting or any other integration purposes.
- Maintain code base, version control, code review, and code merge in GIT.
- Based on project demand, shown flexibility in adapting new tech stack, R&D and shown outcome either in terms of POC or fully fledged project.

Senior Software Engineer – myApps Solutions Pvt. Ltd. (2018 - 2020)

- Ownership to the assigned work items.
- Understanding the business requirement and implement it accordingly.
- Help the business owner or stakeholder to understand about the implementation and suggestions.
- Involve in the meeting and suggest/propose about the approaches.
- Integrate 3rd party API wherever applicable.
- Manage the assigned work items in the Mantis for the respective project.
- Collaborate with the team for successful delivery of the project.
- Support to the stakeholders if in case they are looking for some information about the ongoing work items.
- Build the frontend system based on the agreed prototype and bind it with the backend services.
- Build the APIs for the frontend or other downstream team to consume.
- Worked with the testing team to tackle and fix issues.
- Build data pipeline required for reporting or any other integration purposes.
- Maintain code base, version control, code review, and code merge in GIT.
- Based on project demand, shown flexibility in adapting new tech stack, R&D and shown outcome either in terms of POC or fully fledged project.

Software Engineer – Edupur Employment Services Pvt. Ltd. (2016 - 2017)

- Ownership to the assigned work items.
- Understanding the business requirement and implement it accordingly.
- Integrate 3rd party API wherever applicable.
- Manage the assigned work items in the MS Excel.
- Collaborate with the team for successful delivery of the project.
- Support to the stakeholders if in case they are looking for some information about the ongoing work items.

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- Build the frontend system based on the agreed prototype and bind it with the backend services.
- Build the APIs for the frontend or other downstream team to consume.
- Worked with the testing team to tackle and fix issues.
- Build data pipeline required for reporting or any other integration purposes.
- Maintain code base in GIT.

Intern– DVRS India. (2015 - 2015)

- Ownership to the assigned work items.
- Manage the assigned work items in the MS Excel.
- Collaborate with the team for successful delivery of the project.
- Synced with the senior engineer for the support, guidance and work based on the expectation set.
- Followed the instruction from senior engineer (code reviewer) in GIT.

Projects	High Level Information
APAC Insights - Migration	Migration to Google Cloud from Amazon Web Services; BigQuery, GoLang, GKE and Cloud Run, API Gateway custom service
APAC Insights	Data pipelines (Python, Hive, Hadoop), REST APIs (NodeJS), Data ingestion via Kafka, Pipeline scheduling (CRON, Airflow), Data lake (S3), Data warehouse (Hive, PostgreSQL), Data mart (PostgreSQL), Reporting (Dashboards), API Gateway (Ocelot/MuleSoft/Akana)
Planning Tool	Data pipelines (Python, Hadoop, Hive), Web application (NodeJS, PostgreSQL, React), Sell-in, Sell-out, YTD, YEE, Annual Plan, Quarterly Plan, Role based access
Lost & Found System	Web application (PHP-Symphony, MySQL, Bootstrap), QR code tags for Pets, Gadgets, Vehicles, etc., Due dates notification, Track items, Role based access
School Inquiry System	Web application (PHP-Codeignitor, Bootstrap, MySQL), Public inquiry form, one click student admission
HRMS System	Web application (PHP-Codeignitor, Bootstrap, MySQL, .NET, MS SQL Server, Angular), Time-sheet, Project management, Leave management, Expense management, Employee directory, Knowledge management, Service Ticketing, Role based access, Data pipeline (SQL) for reporting purpose
Purchase Order – China	Web application (Frappe), Synced with SAP, POs and status, Auditing, Role based access
Job Card Management	Web application (.NET, Angular, MS SQL Server), Oil & Gas Sector, Materials, Tagging the materials, Track

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	maintenance status, Inspection, Document revision, Man Hours, Role based access, Data pipeline (SQL) for reporting purpose
User On-boarding System	Web application (NodeJS, Angular, MySQL), on board distributor and retailer, track distributor and retailer status, Role based access
Bridge Management System	Web application (PHP, HTML, CSS, JQuery), Testing, Inspection, Reporting, Role based access, Secured with VPN
Vending Monitoring System – Singapore	Web application (PHP, Bootstrap, MySQL), Track status of vending machine across places, Google api to track the location, Track the products quantity status, Data pipeline (SQL) for reporting purpose
Vending Monitoring System	Web application (MongoDB, Express JS, Angular, NodeJS, Socket-IO), Track status of the machine, Track the status of the products in the slots, notification service, Refill of products, Data pipeline (NoSQL) for reporting purpose
Inventory Management System	Web application (PHP-Codeignitor, MySQL, Bootstrap), maintains stocks, requisition, procurement, transfer in, transfer out, Data pipeline (SQL) for reporting purpose
Multi Campus College Management System	Web application (PHP-Codeignitor, MySQL, Bootstrap), attendance, admission, accounting, track status, college bus tracking, hostel management, library management, Data pipeline (SQL) for reporting purpose
School Management System	Web application (PHP-Codeignitor, MySQL, Bootstrap), attendance, admission, accounting, track status, school bus tracking, parent, teacher and students accounts, library management, Data pipeline (SQL) for reporting purpose
Document Management System	Web application (PHP-Codeignitor, MySQL, Bootstrap), upload documents of any standard format, maintain access, share document with only fellow person, restricted access
Alumni Management System	Web application (PHP-Codeignitor, MySQL, Bootstrap), maintains ex student data, event management, notification manager, fund management
Online Ticket Booking	Web application (PHP-Codeignitor, MySQL, Bootstrap), entertainment industry, online movie booking, seat reservation, payment gateway, notification manager, Data pipeline (SQL) for reporting purpose
Library Management System	Web application (PHP-Codeignitor, MySQL, Bootstrap, Smarty), book management, track status for books, maintain book authors, life cycle of books
Factory Management System	Web application (PHP, MySQL, Bootstrap), accounting, machine life cycle management, process management, Data pipeline (SQL) for reporting purpose
Website **	Developed websites based on client domain and requirement in HTML, CSS, JQuery, Javascript, Wordpress

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Web Generated

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