

Ajay Sharma

Current Location - Amritsar(India) Email : ajays871@gmail.com

Skills

- Ruby, C#, JavaScript, Python
- Frameworks: Ruby on Rails, Microsoft .Net, Django, Angularjs
- Ruby on rails(5, 4), activerecord, sidekiq, chewy, minitest, active model serializers, turbolinks, rubocop, rolify, capistrano, paperclip, mocha.
- Postgresql, elasticsearch, mysql, mongodb, devise, doorkeeper.
- Analytics :ELK, Kibana, Elasticsearch, Logstash(http, kafka, lumberjack), Shield, alerting, Marvel, Sense.
- Automated Deployments : Gruntjs, Windows Powershell, WIX Installers, Terraform, Jenkins, github-ci
- Web Servers: Apache, Nginx, Node Js HTTP server, IIS.
- Jquery, SEO optimization. Schema.org, Google chrome extensions.
- AWS Elastic beanstalk, Terraform
- AWS certificate manager, route53 management for domain.
- PCIS DSS implementation for critical merchant card db.

Profiles

- [Stackoverflow](#)
- [Github](#)
- [Medium](#)
- [Nuget](#)
- [Linkedin](#)

LNG consultancy - Lead software engineer

Jul 2019 - Till Date

- Fintech product serving International studies finance,
- Ruby, Rspec, Jira, Jenkins, Aws, Linux, Jquery, git, Terraform, Kibanna, Elasticsearch, DataDog, Zendesk, Rspec, Microservices, AWS.
- Elasticsearch APM, Kibana implementation for application logs.
- Django API implementation on mysql.
- AWS lambda serverless using API gateway in python
- Strong understanding and hands on experience setting up elasticsearch in AWS cloud, AWS Fargate, Docker.
- Implemented APIs using chewy framework in Rails to perform analytics and persist results in Elasticsearch.
- Implemented elastic backups to s3 and Rolling elastic index builders.

- Microservice architecture developed in ruby with communication within the services using event driven architecture using RabbitMQ..
- Zendesk integration to create profiles with contact details in zendesk with a near realtime sync with application.
- Developed Zendesk [widget](#) using jquery, Rails to support business process and bridge data gap between zendesk and application.
- ASP .NET core application development for fintech product.
- Entity framework, mock, unit testing, Mediator, Automapper and Serilog implementation.
- Azure App services, app Insights, Azure Key vault, Alerts, Azure Functions, CosmoDB.
- Terraform implementation with Jenkins and AWS for continuous delivery and continuous deployment

Billeasy Software pvt ltd, Lead software engineer(Backend)

Jul 2018-

- AWS Elastic beanstalk. Daily elasticity of the server monitoring.
- AWS certificate manager, route 53s management for domain.
- Ruby on rails web app and REST service app, postgresql, activerecord, mongoid, devise, sidekiq, chewy.
- Minitest framework implementation using mocha.
- Attachment upload to S3 using paperclip gem after image size processing on rails layer.
- Analytics interface implementation for SLA's, company wide business performance reports.
- Setup PCIS DSS data vaults for storing data of critical payment card system.

O3 Infotech pvt ltd, bangalore- Software Engineer

Jan 2018

- Google chrome extension for gmail interface to manage predefined templates for inbound leads communication and create those leads with attributes directly to our CRM.
- Setup elasticsearch indexing and search interface.
- Ruby on rails web app and REST service app, postgresql, activerecord, mongoid, devise, sidekiq, chewy.
- Attachment upload to S3 using paperclip gem after image size processing on rails layer.
- Google integrations - gmail workflow, calendar, drive for Google business suite apps.
- Implemented workflows, rule engines for automations for lead engagement.
- Analytics interface implementation for SLA's, company wide business performance reports.

Mind Crescent wellness private ventures, Mumbai- Senior Software Engineer

Feb 2017

- Maintaining current ASP.Net application, MS-SQL.
- Ruby on rails based web API application, devise, chewy, factorygirl, act_as_tennat, rolify, rubocop.
- Deployment of ROR application using capistrano.
- MQTT broker(Mosquitto) and client implementation for communication with other MQTT brokers for third party integrations with ASP.NET application.
- Windows service implementation for MQTT broker client job.
- Refactored current ASP.net app to Ruby on rails.
- UX - conceptualizing product roadmap.
- JQuery based single page ajax frontend app in ASP.NET mvc.
- .Net Framework 4.5, C# webservice.

Fitternity Health E-Solution Pvt Ltd,Mumbai- Senior Search Engineer.

July 2015 - June 2016

- Data pipeline design, implementation, data-modeling for MongoDB-Elasticsearch multi node cluster.
- Build Indexes MongoDB, automated deployment scripts, security, Authorization.
- Business Analytics Aggregations implementation on MongoDB for 1.5 million events documents of 25 types.
- Elasticsearch score relevancy implementations(groovy scripts), function score, context switching of search.
- Single page application implementation in angularjs + angular material + expressjs, performance optimization, scaling.
- Search functionalities, ecommerce autocomplete, scoring relevancy, aggregations, build indexes Nosql(Elasticsearch, MongoDB).
- ELK and EK(in-house implementation of logstash) implementation for analytics, insights, funnels, targeted marketing, coherents on user events data.
- Logstash lumberjack input implementation to parse apache server logs.
- REST backend in ROR and MongoDB.
- OAuth Server implementation on password type grant for different clients Mobile App, Web App, Admin backend.
- SE optimization, schema.org,automated deployment for node apps, defining business entities and modelling them both for multiple NoSQL databases.
- Rolling Builds(SQL/No-SQL) for data backups, data sync across multiple databases.

July 2013 - June 2015

Wipro Technologies Ltd, Pune- Project Engineer for SYNCADA(US Bancorp).

- ASP.NET MVC application, WCF SOAP SOA, Windows Service(Background job).

- Entity Framework, .NET 4.5.
- Cache Implementation on multiple layer between data models, business domain models and service contracts.
- Microsoft Appfabric(2 node cluster) implementation in SOA architecture for business model caching.
- Elasticsearch - search engine implementation with near realtime data sync with MS SQL.
- Load testing elasticsearch cluster for bulk indexing.
- MS-SQL stored procedures, service brokers, triggers , tmp storages implementation on distributed and multi-databases data system.
- Indexer Job(windows service job) to sync realtime data and bulk(in event of disaster) upload to ES cluster.
- WIX installer for deploying/configuring/environment preparation of web apps, backend service, elasticsearch, JVM.
- Windows Active Directory(LDAP) integration with Elasticsearch shield for role based authentication.
- Security elasticsearch clusters - ssl, authentication, authorization.
- B2B search functionality layer implementation in C#.
- Build Manager for deploying daily builds to development, integration and Q/A environment along with maintaining/updating/modifying build scripts for daily requirement.
- SOAP service implementation in WCF, C++ COM.Reverse Engineering from C++ COM to WCF.
- Automated Data Sync between Microsoft -SQL server and Elasticsearch with real time indexing using MS-SQL service broker, triggers and windows service.
- SQL database script to fix/move/remodel data for re-engineering legacy application.
- Maintaining queue system and batch jobs on 150 million documents to sync data between accross all databases(sql/nosql) in application.

Awards

- Awarded Certificate of Recognition for Inspiring Performance by Account Delivery Head, BFSI, Wipro Technologies Ltd.

Education

June 2009 - June 2013

Manipal Institute of Technology, Manipal – *Electrical and Electronics Engineering*

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April 2008 - April 2009

D.N Model Sen Sec School, Moga(Punjab) – *All India Senior School Certificate Examination,*

85%.

April 2006 - April 2007

D.N Model Sen Sec School, Moga(Punjab) – *All India Secondary School Examination*

86%.