Archit

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OBJECTIVE

Seeking an opportunity that constitutes focus, execution, innovation and a foundation to grow and succeed by contributing to the organization's goals and objectives.

TECHNICAL SKILLS

- **Languages and Frameworks:** Javascript, Ruby, Go, Python, Express, Rails, React, Graphql
- **Database and Others:** Postgresql, AWS Lambda, S3, SNS, GIT, Kafka, Docker, Kubernetes

EXPERIENCE

Lead Software Engineer

Jobvite, Kitchener, ON   Nov 2021-Present

- Leading and mentoring a team of six developers in multiple time zones
- Hiring for multiple teams in talent acquisition suite of applications
- Led a project for Solr to OpenSearch migration reducing search times and cost by almost half
- Designed a multi tenant CMS to support large scale customers to be able to scale them independently
- Planning, designing and architecting new suite of services

Senior Software Engineer

Jobvite, Kitchener, ON   Dec 2020-Nov 2021

- Built a parser for in house rule engine helping clients easily create complex referral eligibility conditions
- Integrated blockchain based Velocity Wallet for application processing
- Designed and implemented referral microservice

Software Engineer

ApplyBoard, Kitchener, ON   July 2019-Nov 2020

- Worked on Event Sourcing microservice to create audit history snapshots by event folding
- Worked on document validation and creation microservice
- Built foundation to support capybara automation testing
- Designed various UI high order components and enhancers

Node.js Developer(Coop & Part time)   May 2018-Dec 2018

JustPlay Sports Solutions, Waterloo, ON

- Worked on canvas to support features for touch based devices using multi-fingers
- Implemented microservice for image resize in Node.js triggered from S3 bucket sending SNS message
- Monkey patched hopscotch.js library to provide new tour and popup functionalities
- Refactored subscriptions to support defer and debounce reducing API calls and API response time

Software Engineer   Jan 2016-Oct 2016

PayU Payments Pvt Ltd, Gurgaon, India

- Collaborated on payment validations (luhn check) and payment flow following PCI DSS compliance
- Worked on XML parser for XLS files in C which was compiled as a shared object library for PHP
- Implemented UI and charts for payment analytics in D3.js using RESTful API in Koa.js and MongoDB
- Asset Optimizations for UI by minification, compression, image quantization using Gulp

PROJECTS

- **Securebox** - NPM library for Node web app monitoring (https://github.com/arcvats/securebox)
- **Godor-jwt** - JWT middleware for go fiber framework (https://github.com/arcvats/godor-jwt)
- **Tanzo** - Node-Express based micro scaffolding framework (https://www.npmjs.com/package/tanzo)
- **Diagramo -** Canvas based diagram tool (https://bitbucket.org/znewsham/diagramo-editor)
- **Docusaurus -** Facebook's open source documentation framework (https://github.com/arcvats/docusaurus)

EDUCATION AND TRAINING

Computer Application Security Post-grad Program(GPA 3.88/4)   Sep 2018-Apr 2019

Computer Applications Development Post-grad Co-op Program(GPA 3.95/4)   Sep 2017-Aug 2018

Conestoga College, Kitchener, ON,Canada

B.Tech in Computer Science and Engineering(GPA 8.82/10)   Aug 2012-May 2016

VIT University, Vellore, India

PUBLICATIONS

Dynamic Key Cryptography in Sharing Medicine

International Journal of Applied Engineering Research ISSN 0973-4562, Jan 2015

AWARDS AND INTERESTS

- **Dean's Honors List**, **High Distinction** and **Program Scholarship** in Computer Applications Development and Computer Application Security programs.
- **Speaker Award** by Your Neighborhood Credit Union
- Member Internet Society, OSI and Program Advisory Committee Conestoga College