JAY B

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📞 813-335-7055

SKILLS

- Languages : Python ,C++ ,Java ,Scala,Typescript
- Framework : Tkinter, Django, Flask, Selenium, Bottle , .Net (Managed C++), Multiprocess
- DB : PostgreSQL, MSSQL, MariaDB, Elastic Search, Big Table
- OS : Linux ,Windows 12, HP nonstop
- Machine Learning : SCIPY ,SKlearn, Pandas ,RNN, Tensor Flow, Spark
- Algorithm implementation
- Front End : React , Java script , Angular
- Cloud : AWS (NLB, ELB, S3 , DYNAMODB,EKS,Lambdas)
- GCP : Bigquery

EDUCATION

Master of Science Computer Science

Illinois Institute of Technology

Chicago, IL • 08/2019

BTech Electronics & Communications

JNTU Anantapur,India • 05/2011

PROFESSIONAL SUMMARY

Forward-thinking Software Engineer with background working effectively in dynamic environments. Curious to Learn Technologies. Fluent in Python, C++ and Java programming languages and highly interested in developing Scalable Systems. Proud team player focused on achieving organization objectives with speed and accuracy.

WORK HISTORY

Credit Karma – Software Engineer IV   *06/2022* - Present

- Working extensively on Data Drift and Federated Learning
- Working closely with Batch recsys , Recommendation Engine
- Scaling the Notifications Platform .
- Revamping Monolithic to Services ,on top of Finagle (Twitter)

Dr First Inc – Data Scientist   *12/2021 – 06/2022*
- Worked on TensorFlow Serving Using GRPC
- Worked on GITLAB CI/CD Pipeline
- Developed Fast API Backend to serve the TensorFlow
- Created TensorFlow model implement NLP Model
- Dockized the applications
- Developed Flask API
- Implemented Ray Frame work to Train Models in distributed processing
- Worked on Scaling Issues
- Logged using Elastic Search , using Logstash
- Solving Scaling Issues
- AWS EKS , AWS Sage Maker
- Worked extensively on Data Drift and Federated Learning

Computer Services Inc - Software Engineer   *06/2019 – 12/2021*

- Developed Activity Recall Software using Python, C++.Its Highly Scalable Application and Handles 1 million Request on a normal day and 2 .5 Million Request on Busy days.
- Converting AWS Lambda Solutions to AWS EC2 Docker based Solutions
- Worked on Linux, Windows Server 12.Databases Postgresql, MSSQL, MariaDB.
- Worked Extensively on Multiprocessing, Kernel Level.
- Researched, designed and implemented scalable applications for information identification, extraction, analysis, retrieval, and indexing.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Improved system performance by making proactive adjustments and resolving bugs.
- Developed Highly Scalable Application that handles High Traffic .

Walgreens   - Software Engineer   *08/2018 - 06/2019*

- Developed Analytical Product Dashboard that Collects all Purchase Data and make reports.
- Automated Holiday Reporting System.

- Developed highly scalable Software in C++ to Handle POS transaction.
- Researched, designed, and implemented scalable applications for information identification, extraction, analysis, retrieval and indexing.
- Worked with customers for needs analysis, proposal development and vendor costs to produce competitive estimates.
- Reviewed requirements, specifications and technical design documents to provide timely and meaningful feedback.
- Gathered data on integration issues and vulnerabilities and reported all findings, including improvement recommendations.
- Improved system performance by making proactive adjustments and resolving bugs.

Tata Consultancy Services - **IT Analyst**   *11/2015 - 07/2017*

- Developed ATM,Pos Transaction handling software's in c++.
- Developed Web Applications to Monitor the Performance of the System.
- Fixed a Major Bug in settlement software, that saved $70k per Annum.
- Delivered in-depth Encryption and Decryption Industry Standards training, imparting knowledge of best practices for protecting data and minimizing errors.
- Investigated and addressed growing Customer base and Scaling system issues to enhance usability and improve functionality.
- Presented business leaders with cost-benefit and return-on-investment estimations to drive project planning and execution.
- Assessed business needs and problem areas to create focused solutions.
- Enhanced and reconstructed computer systems resulting in 150% increased efficiency for business end-users.

Cognizant Technology Solutions - **Project Associate**   *07/2014 - 11/2015*

- Developed MultiTasking Framework for Existing Frameworks.
- Developed Framework to Handle PIPE communication between Processes.
- Led team of engineers in providing design and engineering solutions to First Data,now Acquired by FISERV.
- Developed Automation Framework to Test and Report Bugs.
- Developed and trained junior team members by leveraging industry experience to achieve optimal project strategy.
- Drove team's execution of quality management throughout division, improving process effectiveness, cost-effectiveness, resource and process efficiency.

Financial Software Systems - **Software Engineer**   *07/2011 - 07/2014*

- Developed System Monitoring Software that Collects Data about CPU, Disk, I/O, and Top Most Busiest Process and Sends to Dashboard.
- Developed Software Product that does Settlements with Banks.
- Customized Banking Software to Support Bill payments at ATM.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Worked with customers for needs analysis, proposal development and vendor costs to produce competitive estimates.
- Collaborated with developers and product owners to stay current on product features and intended functionality.