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SUMMARY

- Developer with 8+ years of work experience working on programming in analysis, design, coding, testing debugging, documentation and development.
- Working experience of **Java/J2EE web applications** and **Micro-services** using **Spring, spring boot** and its modules including **actuator, batch services, web services, GraphQL, observability, caching** among others.
- Experienced in designing full stack applications using **ReactJS, AngularJS, Vanilla JS** and **REST API**
- Experienced in coding using **Java, Python, Kotlin, GO, JavaScript** and **Rust**.
- Experienced in using version control tools for **GIT - Github, gitlab** and **SVN - TortoiseSVN.**
- Maintained git projects and implemented safeguarding mechanisms like commit hooks using **Husky, git hooks** and **web-hooks** to trigger early failure of a build and preventing failure in the later stages of the build.
- Experience in writing **CI/CD** pipelines using **Jenkins** - **Blue ocean, TravisCI** and **teamcity**. Pipelines would be triggered from the **web-hooks** and posted the status of the build to git for updates on the PR.
- Experienced in python frameworks like **Django** with **Jinja2** templating, **Flask** for UI based applications
- Understanding of **Apache tomcat** and **Nginx** for hosting.
- Worked on writing **Terraform** and **Helm** for a stable infrastructure constantly
- Experienced in **DBMS** and worked on writing backup **scripts, stored procedure calls** and indexing.
- Experience in using **AWS** services like **AWS lambda, S3, EKS** and **EC2 instances**.
- Good experience in using and understanding IDE's like **Eclipse, Intellij** and **VSCode**.
- Experienced in writing test cases using **JUnit 4** and **JUnit 5** which also included of using of frameworks like **Selenium, Cucumber, TestNG** and **mockito**
- Working experience of using build systems like **Gradle, maven, Bazel, npm, pip** and **cargo**.
- Worked using **Agile methodologies, Scrum, Kanban** and **waterfall models**.
- Leveraged scripting languages like **bash, python3, Groovy** and **PHP.**
- Working experience of using **JQuery, Ajax,** class based and functional based **React JS**.
- Understanding of using and writing code for libraries like **Java 8 streams, lambda, multi-threading, Regex, logging** and **dependency injection**.
- Wrote **cucumber** tests for a **TDD** and actively improved the framework.
- Understanding of using **SwaggerUI, FastAPI** and **postman** for **API** documentation and testing.
- Expertise in using **Docker** and **Docker-compose** and in-depth understanding of concepts like using and building images, tags, volumes, base images, multi staged building and using of docker hub.
- Worked on **NodeJS** projects and extensively used asynchronous and event driven programming.
- Working experience on using cloud technologies like **AWS – Lambda, S3, ECS** and **Oracle cloud Infrastructure(OCI) – Instance, OLAP, Azure** and **GCP(Google cloud Provider)** and have working experience on using tenancy, instance, DB, snapshot backup and networking.
- In-depth knowledge of networking concepts like **network groups, DNS policies and resolution, proxy, reverse-proxy** and **smart queuing**.
- Experience of using **NoSQL** DB's like **cassandra, firebase** and **cache systems** like **Redis** and **memcache**.
- Wrote and maintained **stored procedures** and DB script for **Oracle DB** and **PLSQL.**

EDUCATION

UNC at Charlotte – (MS) – Computer Science	3.8CGPA	Jan 2016 – May 2017
SRM University – (B.Tech) – Information Technology	80%	June 2011 – April 2015

WORK EXPERIENCE

DataForce Inc | Fidelity   *April 2025 – Present*
Full Stack software engineer   *Technologies: Java, Spring boot, ReactJS, AWS, Docker*
→ *Developed and maintained philanthropic grant management applications using Angular, NgRx, and RxJS on the frontend, and Java Spring Boot with Hibernate JPA on the backend, supporting high-volume donation processing and reporting pipelines*
→ *Collaborated with product owners, business analysts, QA engineers, and UX designers to gather requirements, architect scalable solutions, and ensure WCAG-compliant accessibility (including screen reader compatibility)*
→ *Implemented RESTful microservices in a cloud-first AWS environment, leveraging Docker containers and CI/CD tooling (Jenkins, Maven, uDeploy) to enable automated deployments and 99.9% uptime SLAs*
→ *Developed and maintained philanthropic grant management applications using Angular, NgRx, and RxJS on the frontend, and Java Spring Boot with Hibernate JPA on the backend, supporting high-volume donation processing and reporting pipelines*

DataForce Inc | DHHS NC   *Jan 2025 – Mar 2025*
Full Stack software engineer   *Technologies: Java, Curam*
→*Leveraged Curam framework to implement features requested by stakeholder and mapped the documentation for case workers.*
→ *Fixed release and project handover developer tasks along with documentation, development and bug fixes. Fixed release and project handover developer tasks along with documentation, development and bug fixes.*

DataForce Inc | Cisco   **Aug 2023 – Dec 2024**
Full Stack software engineer
Team: Debugra   *Technologies: Python, AI/ML, LangChain, FastAPI, Flask*
→ *Spearheaded the development of integration of AI into workflow pipeline from the planning, designing, implementing and hosting pipelines.*
→ *Leveraged **Chroma** and **FAISS** as a **vector DB** for **semantic searching** and effective retrieval of required data.*
→ *Developed a front end of the application using **Flask** for quick access to the AI pipeline and querying.*
→ *Designed the state based application with the capability to use **function calling** and **tool use**, using **langgraph** and **langchain** to convert the user query into a pipeline for **deterministic** output and structure.*
→ *Build the full scale application using **Django** to write the front end and **Jinja2** templates for the DRY coding.*

Salesforce Inc   **May 2022 – Aug 2023**
San Fransisco, CA (Remote)
Full Stack software engineer
Team: Data Integration   *Technologies: Java, Python, Shell scripts, Bazel*
→ *Involved in the complete SDLC which included planning, architecting, developing, documenting and maintaining.*
→ *Worked under AGILE methodology with backlog grooming, planning and retrospection.*
→ *Used the new **JDK 1.8** features like **streams, lambda** and **data-time API** to improve the code and readability.*
→ *Learned **Bazel** build framework that was used for building and distributing the code.*
→ *Worked on leveraging **Grafana** dashboards for monitoring and tracing the availability and load balancing.*
→ *Utilized **SVN** and **git** to maintain the code and build pipelines for the CI/CD.*
→ *Wrote **test cases, script automation** using python for automating workflow and ease of development. The scripts included code check-in, system notification for the build, code submission.*
→ *Implemented **python scripts** that would automate code checkin to server machine and hosting notify for availability.*
→ *Developed the components using Javascript and wrote test cases using **Jasmine** testing framework.*
→ *Exclusively used **Intellij IDE** for testing, debugging and development. Also used **VSCode** for using the server machine to host and run the application in an incremental manner.*
→ *Wrote shell scripts for connecting to server, sync, building the code and getting the services up and running. The service were run as **microservices** with front end built using **Django** to show the status and automate the process.*
→ *Used ssh and remote tunnels to deploy code in remote machines that would later be used to run the application for testing.*
→ *Wrote **API's** that would be consumed by the front end components to display and also interact and help the user and the case worked. The **API's** were authenticated and used token to validate the sessions.*
→ *Writing the feature documentation, **API** changes, documentation and necessary feature test cases to avoid any point of failures.*

Oracle Corporation   **March 2020 – May 2022**
Fremont, CA (Remote)
Software Engineer
Team: Data Integration   *Technologies: Java, Python, Shell scripts, Gradle, OCI*
→ *Underwent training about **OCI** and cloud systems to understand the Infrastructure and the terminology like **tenet, Virtual Networks, IP assignments, storage and its types(Block, File, archive, etc.,),** Traffic based rules like **Ingress** and **Egress**.*
→ *Created connectors to help customers connect their **OCI tenacy** to different database services like **MySQL, hive, postgres** including on-prem, cloud on hosted services to connect and migrate data easily.*
→ *Worked on enabling **SSL encryption** for cloud customers connecting to databases.*
→ *Developed a micro frontend using **Django** and **jinja2** template to test various DB connections and easy developer confirmation.*
→ *Worked on a smaller scale application for the status tracking using **flask** for simpler and faster status tracking.*
→ *Wrote a guided documentation on creating a wallet based database that was used for creating test environments and test DB's.*

→ Automated many workflow by writing **python scripts** to improve the workflow. Workflow like connecting to a SSL based DB, deploying a test DB, connecting to VM, starting local services and also notifying builds and its completion.

→ Worked on **Gradle** build system upgrade to use the latest features and update and modify the deprecated features.

→ Uplifted **Junit 4** to **Junit 5** to from the build level to use the latest libraries and test runners from Gradle and spring boot.

→ Wrote a **selenium** and **Cucumber** test suit that would enable for easy **integration** testing and upgrading.

→ Worked with **Jfrog artifactory** to host the libraries and images for hosting, building, testing and deploying of the services.

→ Leveraged **graalVM** in build of a native image and learning about **AOT(Ahead Of Time compilation)**. This helped in reducing image size and therby improving the startup and the size constraints of the application. Utilized **multi-stage build** of the **docker** system to build using a base graalVM image and push to use a smaller native version of the image.

Cerner Corporation **Aug 2018 – March 2020**
Associate Software developers
Kansas City, MO(On-site)

Team: Mpages platform   **Technologies:** *Java, JavaScript, AWS, React, Redux, Jenkins pipelines*

→ Followed the process for the client compliance that includes checking the whole workflow and update the packaged software with the new components. Clear documentation was a part of the expectation from the role.

→ Implemented **Docusign** integration with Medical Systems, automating clinical and administrative workflows, reducing manual data entry, and improving patient experience through electronic signing, automated document routing, and seamless EHR/PMS integration. This reduced the time consumed and made it easier for the consumer and client in terms or documentations, productivity, communication and automation.

→ Used **Grafana** dashboards to monitor the traffic, performance and availability of the systems.

→ Developed dashboard views using **flux(react)** which helped the customers to get the view for the specific functionality in a consolidated view and report. By showing the relevant details data and information.

→ Hosted the application using **OCI** and **AWS** services like EC2 and S3 for storage.

→ Designed and implemented **OKTA Identity Platform** integration, delivering improved user experience, enhanced security, and increased efficiency through automation, **single sign-on (SSO)**, multi-factor authentication, and adaptive security policies.

Team: Satori   **Technologies:** *Python, ReactJS, Redux*
Software Developer

→ Developed parts of a tool and maintaining the states of tracking which gathers data from **JIRA, jenkins** and **Git** to know the status of the ticket. This helped in granular tracking and un-blocking any blockers and therby helping developers and managers.

→ Mail notification services was implemented to send blocker status and build failure reports.

→ The frontend used **ReactJS** and **Redux** to maintain the state. This also helped in re-using existing components easily.

→ Wrote the **hooks** using **husky** that would run lint and test cases even before committing the code. This helped in early prevention of bad build before reaching the Jenkins pipeline.

→ Wrote **cron jobs** to run auditor everyday providing developer an overview of tasks assigned, in-progress and completed. Also showed the status of PR and build system like the comments and build failures. The auditor matched the **JIRA** to the blueprint of the tickets based on the type to differentiate between different types of JIRA's.

Team: RFP knowledge portal   **Technologies:** *Java, JSP, springboot, hibernate, Junit, AWS, karma*
Software Developer

→ Implemented many features using **Java 8** included dynamic mailing, target questioning and general usability improvements.

→ Work included documentation, testing, code coverage, consistency and implementing new features

→ Designed and spearheaded the **Jenkins workflow**, branching strategies, API's and feature documentations.

→ Upgraded the existing framework to use **functional programming** of Java for faster execution and cleaner code.

→ The application was hosted on **AWS** using **terraform** and **Helm** for infrastructure management where the containers were managed to auto scale up and scale down.

Esystems (Software developer) **Aug 2017 - Aug 2018**
Project: Eligibility enrollment and management for DHS   **Technologies:** Java 8, ReactJS, Curam

→ Learned and leveraged **Curam framework** the rules that would determine the best benefits for a person based on the time line. Implemented the timeline where the individual would be eligible to claim the unreceived or missed benefits.

→ Worked on notice template using **Java 8 lambda and streams** that improved efficiency and speed of the application by 70%

→ Worked on the views of the mobile application where people can login and see the history of the benefits. Created the front end using **ReactJS** and implemented the portals layout and design.

→ **SoapUI** was the tool utilized for the server and client communication with package designing and standardizing.

→ A new notice framework was developed which increased the number of notices being sent significantly. Implemented using new technologies(Java 8) and new server which greatly benefited the cost cutting and server load.