Harsh Mohan Gajra

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Objective

Software Engineer with 4+ years of experience specializing in Java Development and Java frameworks like Jersey-Jax RS, Spring Boot and Hibernate . Possesses a MS in Computer Science from State University of New York, impeccable problem solving and software engineering skills, and excellent interpersonal skills. Looking for a challenging and interesting role in Software Development. I am part of core Software engineering team at Pype Inc , a Construction SaaS company raising over $3 million dollars in funding.

Education

Master's in Computer Science - State University Of New York , Binghamton , August 2016 - May 2018
Bachelor of Computer Engineering - K.J.Somaiya College of Engineering, Mumbai ,First class

Relevant Coursework: Data Structures and Algorithms, Database Systems, Operating Systems, Programming Languages, Design Patterns
LinkedIn : https://www.linkedin.com/in/harsh-gajra/
GitHub : https://github.com/HarshGajraSUNY

Technical Skills

Java 8	Data Structures	Eclipse
Angular 6	Amazon Web Services	REST api
Git	Gradle	GitHub
Jenkins CI/CD	Jira	Spring Boot
JPA	MySQL	Android
Prototyping	API	GIMP
Proof of Concepts	Web Applications	Design Patterns
Writing	Java	CSS
Cloud	Framework	HTML
JAX-RS	Real-time	JavaScript
Restful	Software	NoSQL
Software Development	UI	Node.js
J2ee	IDE	DynamoDB
NetBeans	C++	SQL
Code Review	Java Software Development	PL/SQL
GUI	JDBC	Microservices

Work Experience

Software Engineer - Pype Inc | Herndon,VA,USA , July 2018 - Present
- Backend software engineering , design and Development of new features using microservices for web applications using Java 8, Jersey JAX-RS REST api framework ,Spring Boot, and MySQL as the database .
- Designing and developed internal software solutions for optimizing the business process followed by in-house Sales and Support teams thus saving the organization $360,000 per year in costs and 15,000 man-hours per year.
- Full Stack development of a document management and turnover package software application using Angular 6,Html, css on frontend and Java 8, Jersey Rest api framework on backend and MySql as database.
- Designed the data model and developed the backend code for an Email Cadence software tool using Java 8, Spring Boot, JPA and MySQL database.
- Experienced in using the message brokers like RabbitMQ for message queuing and asynchronous job processing.
- Managed, mentored and gave work assignments and conducted code reviews for junior software engineers.
- Algorithm Development: Design, Analyze and implement algorithms in core Java for solving various use cases across the software products of the company .
- Writing integrations of current applications with externals cloud services e.g AWS S3 .
- Production support of Applications :Provided L3 Production support for company's software products.
- Develop, implement and/or improve the application production support knowledge management repository to ensure all are documented, process & procedures are clear and periodic reviews are conducted .

- DevOps : Create and maintain fully automated CI/CD pipelines for code deployment using Jenkins and GitLab.
- Researching and development of proof of concepts for new product development using Google cloud console, AWS, GIMP and Java 8.
- Writing automations for the manual tasks performed by Customer Support and Success Teams within the company's software products.

Software Engineer | CereLabs | Mumbai Area,India, February 2015 – July 2016

- Developed a Speech-to-Intent Recognition Software Web Application in the Healthcare domain using technologies like Html ,CSS,JavaScript and Core Java 8,Spring Boot and Hibernate.
- Developed the front end using JSF, Angular JS, HTML, JavaScript, AJAX, JSP, CSS, and JQuery.
- Integrated Google Speech API to Convert Speech to Text and send the Text data as Wit Message API to Facebook's Wit.ai platform for 'Intent Recognition'.
- Wrote the code in Node.js on AWS Lambda for trigger response from AWS DynamoDB as NoSQL datastore.
- Performed end to end testing of the final product and identified possible flaws.
- Mentored a team of three interns on research projects in Face Recognition and Asset tracking.
- Prepared Business Use-Case Analysis on Numenta's Intelligent Computing Framework Nupic for new business opportunities in Artificial Intelligence Domain
- Bestowed as "Internal Champion" of the company.

Software Engineer (Part Time) | Mad Infotech | Mumbai Area,India, January 2012 – January 2015

- Involved in designing and creating the Database Tables and Views.
- Developed the static webpages in HTML and CSS based on the given designs.
- Writing well designed, testable, efficient code by using best software development practices.
- Creating website layout/user interfaces by using standard HTML/CSS practices.
- Integrating data from various back-end services and databases.
- Gather and refine specifications and requirements based on technical needs.
- Stay plugged into emerging technologies/industry trends and apply them into operations and activities.
- Developed the backend components in Java 8.
- Inspection/Review of quality deliverables such as Design Documents.
- Wrote SQL Scripts, Stored procedures and SQL Loader to load reference data.
- Create and maintain software documentation.

Paper Publications

- **Paper:** Credit card Fraud Detection and Prevention Using Perceptron Training Algorithm.
- **Journal:** International Journal on Recent and Innovation Trends in Computing and Communication, Apr 2015
- **Link**: https://ijritcc.org/index.php/ijritcc/article/view/4182/4182