Sweta581990@gmail.com
Contact: 9029419113

SWETA SHARMA

LinkedIn: sweta-sharma
GitHub: swetasharma

I'm a data nerd and TDD enthusiast living in Pune, India with over 4.5 years of professional experience and almost 10 years of personal experience. I love exploring new technologies and working on modern ways to solve age old problems.

My values as a Software engineer are:

1. Never stop learning and sharing with others.
2. Being simple is the most important and difficult feature in software.
3. Software engineering is 80% understanding the problem and keeping an open mind. The code is only a by-product of that.
4. Don't reinvent the wheel, unless there's a good reason to.
5. Testing and feedback are equally as important as the software itself.

SKILLS

Specialties: Data Structures and Algorithms, Cloud and Distributed Computing, Design Patterns, Amazon Web Services (AWS), Databases (MySQL, DynamoDB), Microservices (Spring Boot, Spring Cloud Netflix, Spring Data JPA, Spring Security), Horizontal and vertical partitioning, REST APIs, Core Java, PHP, Docker, Cloud Foundry, Kubernetes, Azure.

Methodologies: Object Oriented Design, Continuous Integration, Continuous Delivery, Test Driven Development, ACID and CAP tradeoffs.

Distributed Systems: Apache Kafka, RabbitMQ.   **Building Tools**: Maven, Gradle.

PROFESSIONAL EXPERIENCE

Siemens Industry Software (India) Pvt. Ltd.   Pune
Software Development Engineer   04/2017 – Present (6 months)
- Implemented CI/CD solution using GitLab CI.
- Used Eureka server for registering the services, configuring services using distributed configuration, mapping services using intelligent routing, calling services using client side load balancing.

Interactive Intelligence (Acquired by Genesys)   Mumbai
Software Development Engineer   01/2015 – 12/2016 (2 years)
- Implemented a simple Queue Management System built using Java (Spring Boot) that allows producers to create message and add message to a queue and consumers to get messages from a queue and should be able to remove the message from queue after it is processed. The source is available on GitHub here.
- Moved Microservices to the new AWS VPCs, encrypted and decrypted data at rest and flight for PCI compliance by using AWS (Security Group, KMS).
- Wrote public-api in Java in front of a set of Microservices (private services).
- Handled state transitions in the system using Kafka.
- Used DynamoDB to insert, delete, and update records and ElasticSearch for search operation.
- Wrote REST APIs and unit tests, debugging and troubleshooting.

- Deployed Microservices in AWS using Ansible and Packer.
- Integrated Facebook and Twitter on Customer360 platform using PHP (Yii Framework) and MySQL.
- Implemented Routing algorithm for routing tickets.
- Improved application performance by optimizing SQL queries.
- Designed and Developed Report modules using PHP (Yii Framework) and MySQL.
- Wrote unit tests, debugging and troubleshooting.

Zeki Software Solutions Pvt. Ltd.   Mumbai
Junior Software Engineer   05/2013 – 12/2014 (1.8 years)
- Gathered requirements from client.
- Developed modules to allow sales manager to track status of sales visit of salesperson, see daily to-do list, pending task, request for bucket list using PHP, MySQL.
- Developed masters and goods receipt modules for an inventory system using PHP, MySQL.
- Developed online website for Goa Tourism to register customer, collect valuable feedback and send emails using PHP, MySQL.

EDUCATION

University of SNDT   Mumbai
Bachelor of Technology in Computer Science and Technology   Class of 2012

RECOMMENDATIONS

Aaron Bickell
Aaron was Senior to Sweta but didn't manage directly
I had the opportunity to work with Sweta and I was impressed with her technical abilities, her tenacity and her eagerness to learn. When posed with a new technology, technique or architecture, she attacked the problem head on and always delivered great results. Sweta has a drive to learn and expand her knowledge in a way that you don't see everyday. She was never content to simply produce working code, she wanted to deeply understand the problem space and why particular decisions were made. On several occasions, she asked me for additional reading or online courses so she could deepen her technical knowledge outside of work. Sweta would be an instant technical asset and I can easily recommend her for any software engineering team.