

Suchandra Tungare

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[LinkedIn](#) | [StackOverflow](#) | [Leetcode](#)

SKILLS

- Languages: Java, Bash, Python
- Coding Style: YAGNI, KISS & Prefers spending maximum energy in reducing the complexity
- Others: HSM (Hardware security module), PKI Infra, WebSocket, Servlet, Spring Boot, Jetty, Tomcat, SQL Server, MySQL, Jenkins, OpenWRT OS, Linux, Git, Kafka, ZooKeeper, AWS service like EC2, S3, SQS, SNS, CodeDeploy, CodePipeline, Lambda, API Gateway, RDS, ELB

WORK EXPERIENCE

Worldline e-Payments Pvt Ltd. (Formerly known as Ingenico ePayments Pvt Ltd.)

Mumbai, India

Module Lead

Sep 2021 - Current

- As a member of the New Initiatives, I served as a key individual contributor, leading change management initiatives with a focus on development of PCI DSS compliant systems
- Designed and developed middle-ware for entire software stack of the company (2 people team including Head Architecture) which focuses on aspects like data in transit (DAT), data at rest (DAR) and data in use (DIU) after Rajya Sabha passed the DPDP law
- Designed and crafted a robust Java driver for an Adyton Hardware Security Module (HSM) entirely from scratch. This implementation ensures secure and smooth inter-application communication, enhancing overall system reliability
- Utilized Apache Pools2 to create a JNDI resource, enabling resource sharing and reducing overall load time by over 30% compared to open source alternatives
- Achieved 50-80% application speed improvement by expertly employing Java threading, including custom thread classes, ExecutorService, and thread groups. Proficient in parallel processing and efficient multithreading techniques
- Strategically implemented Mealy state machines model, improving application robustness by reducing errors and eliminating inconsistent states, resulting in near 0% error in some cases
- Conducted Proof of Concept and feasibility tests on SQL Server Change Data Capture (CDC) technology, seamlessly channeling events into highly available streams like Apache Kafka with high availability
- Recognized consistently by immediate manager and senior executive committee members for my adept handling of complexity and impactful contributions to the organization

Futurewise Technologies (IFANOW - Startup)

Mumbai, India

Software Engineer

Nov 2019 - Sep 2021

- Part of the established development team that witnessed and actively contributed to the entire journey of a financial platform from its inception to revenue-generating success
- IFANOW is a finance platform that basically targets financial advisors & wealth managers to bring efficiency to their day to day tasks
- Wealth managers currently plan/manage/monitor over 150+ crores of monthly SIPs and goals of their investors worth over 2 lakh crores using IFANOW PaaS

- Hands-on with technologies such as Spring boot, Maven, Redis, EC2, S3, SQS, CodePipeline, CodeDeploy, CloudWatch, Lambda, API Gateway, RDS, ELB, AutoScale, Jenkins, Trello, Linux, and optimizing existing codebase, discussing the best solution/practice and KT towards junior developers

FilmboardMovies.com (Myfilmapp - Startup)

Mumbai, India

Software Engineer

May 2019 - Nov 2019

- Worked as core back-end engineer with team size of 4
- Single-handedly developed APIs for a mobile application using the Laravel framework
- Lead engineer of AWS stack and version controlling using git
- In addition, was responsible for daily backups, performance tuning, database migrations, security/user management, and other related tasks
- Engaged in daily tasks encompassing meticulous work estimation, seamless knowledge transfer, proficient development, rigorous testing, effective bug fixing, and timely release management, contributing to the streamlined and efficient operation of the development cycle

Amideep Technologies (RadioLocus - Startup)

Mumbai, India

Software Engineer

Jun 2017 - Apr 2019

- Part of highly productive 9-member team mostly from IITB, IITR & NITs
- Reduced configuration time of Linux based hardware from 4/5 minutes to 15 seconds, saving months of team time
- Built a data processing pipeline from scratch for sensor analysis in mission critical projects
- Developed and honed personal skills while undertaking diverse tasks for product enhancement
- The impactful work at RadioLocus inspired me to embark on the LFS (Linux from Scratch) open source Project, detailed in the projects section

PROJECTS

LFS (Linux from scratch) Open Source Project

Registration ID: 27886, [Link](#)

- Built Linux OS from scratch in order to explore and learn more about Linux OS, [Link](#)
- Preview available at: [YouTube](#), [Medium](#)

EDUCATION

Mumbai University

Mumbai, India

Bachelor of Engineering: Computer Engineering

D.G. Ruparel College

Matunga, Mumbai

HSC: Vocational Computers