

Mahashwetha

Software Developer Senior Specialist (Senior Tech Lead)

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TECHNICAL SKILLS

Languages (Programming): Core Java (Main Expertise), Python, C++, SQL, JavaScript

Frameworks & Tools: Spring Boot, Spring AOP/AspectJ, JUnit, Jenkins, Git, Docker, Kubernetes, Bash Scripting

AI & Upskilling: GitHub Copilot, Claude API, Gemini API, LangGraph | OTT Technologies (Experienced)

Certifications: GenAI & AI Agents in LangGraph (DeepLearning.AI) | JavaScript, Python Bootcamp, Spring (Udemy) | AWS Basic & Advanced (Cloud Guru)

LANGUAGES

English (Fluent) | French (A1) | Hindi (Fluent) | Kannada (Native)

EXPERIENCE

NASDAQ, Bangalore, India – Software Developer Senior Specialist (Senior Tech Lead) Apr 2024 – Sep 2025

- Led development of **Spring AspectJ + Jackson** framework for structured alerting, with **performance tuning** cutting dev effort by **15%**.
- Supported **production SMARTS** migration, promoted **clean code** and mentored juniors via AI-assisted GitHub Copilot.

NASDAQ, Bangalore, India – Software Developer Specialist (Tech Lead) Apr 2022 – Mar 2024

- Delivered **500+ subscription migrations** across **production** systems through 30+ backend investigations.
- Upgraded APIs to **Java 11** from 7 and implemented Fav data stripping to reduce dev efforts.
- Mentored new hires via **knowledge-sharing** and cross-collaborated for continuous delivery.

NASDAQ, Bangalore, India (Remote from Paris) – Senior Software Developer Apr 2020 – Mar 2022

- Developed **scalable** Java alerts for SMARTS migration, deploying **350+ subscriptions** across APAC, EMEA, and NSAC using Agile practices.
- Built **XML-based Java parameter migration tool** with Jenkins integration used by all subscriptions migration from alice to java in deployment.
- Automated alert data visualization and configured Jenkins plugins for build failure analysis.

LTTs (Cisco Video Technology division, divested 2017) – Senior Software Developer Aug 2017 – Nov 2018

- Developed startup screen UI for **Set Top Box** with VOD and live events.
- Debugged customer issues and mentored junior developers in agile way.

Cisco Video Technology, Bangalore – Senior Software Developer Jul 2012 – Jul 2017

- Delivered **Viasat Ukraine Zapper** project with onsite support and automation.
- Built **EPG features** for Set Top Box domain, working on **MPEG DASH, DRM** and JavaScript tech.
- Mentored juniors, conducted code reviews, HLD, **system design** and **design pattern** discussions.

NDS Pay TV Tech, Bangalore (acquired by Cisco Video Technology 2012) – Software Developer Jul 2012 – Apr 2013

- Created **Java tool for multilingual UI string translation** used across projects.

PROJECTS

Job Search Automation | Python, Excel, SMTP

- Personal automation tool for job tracking, open-sourced 2026. github.com/Mahashwetha/Job-search-email-system-clone

Fit Check Service | Python, FastAPI, Gemini, Docker, Render

- GenAI web app for resume-vs-job fit scoring. fit-check-service.onrender.com

Paris Bloom Map | HTML/CSS, Vercel

- Interactive map for cherry & magnolia bloom season in Paris. parischerrymagnoliabloommap.vercel.app

EDUCATION

SJCE Mysore – B. Tech in Computer Science (2008–2012) • GPA: 9.24/10, 9th Rank in batch. Final project: Image Enhancement using Hadoop MapReduce.