

# JEEVAN PATIL

Bengaluru, Karnataka 📞 +91 8446669319 ✉ patiljeevanr@gmail.com 🔗 [linkedin.com/in/patiljeevanr](https://www.linkedin.com/in/patiljeevanr)

## SUMMARY

Back-end Developer with almost 5 Years of Experience in Java-based Micro-services delivering High-Quality Solutions.

## SKILLS

<b>Languages</b> Java	<b>Data Processing</b> Kafka
<b>Cloud</b> Azure, AWS	<b>Framework</b> Spring, Micronaut
<b>Database</b> Couchbase, PostgreSQL, MySQL, Redis	<b>Tools</b> Docker, Kubernetes
<b>Automation</b> Terraform, Azure Pipelines	<b>Interests</b> Data Structures and Algorithms, Database

## RECENT EXPERIENCE

### Tesco Technology, Bangalore

Aug 2019 - Present

#### Software Development Engineer II

- Introduced Cucumber for behavior-driven development and implemented various refinements in the development process and pull request guidelines to ensure smoother collaboration and more efficient code reviews
- Implemented caching mechanism using Couchbase for retrieving customer coupons wallets, reducing latency substantially with higher throughput
- Designed and implemented a Coupon Code Generator tailored to coupon types and business logic, considering various methods of coupon utilization
- Decommissioned the Redis cache due to its high cost, resulting in significant cost savings for Tesco

*Technologies Used: Java, Couchbase, PostgreSQL*

#### Graduate Software Development Engineer

- With Work focused on moving legacy outdated systems to more strategic systems, involved in building Coupon At Till from scratch for Tesco UK and ROI
- Designed and implemented housekeeping of customers' data, ensuring data integrity and optimal performance
- Developed RESTful APIs to enable the creation, redemption, and viewing functionalities for coupons and vouchers information of customers
- Enhanced the performance of test pipelines, leading to a smoother and more efficient production deployment process
- Conducted extensive load tests for all APIs to ensure the team was fully prepared to handle peak season traffic, which reached approximately 50,000 transactions per second
- Provided on-call support for critical issues and worked on root cause analysis for incident resolution

*Technologies Used: Java, Elixir, node.js, Couchbase, PostgreSQL, MySQL, Redis*

### CDAC, Pune

Sept 2015 - Mar 2016

#### Project Collaboration

- Designed, coded, tested, and documented the Language Identification System for Indian languages
- Collaborated with the team to ensure timely and high-quality project completion

*Technologies Used: Python, NLTK*

## EDUCATION

### National Institute of Technology, Tiruchirappalli

2017 - 2019

*Master of Technology in Computer Science*

*CGPA: 8.08/10*

### Sinhgad Academy of Engineering, Pune (University of Pune)

2012 - 2016

*Bachelor of Engineering in Computer Engineering*

*Percentage: 60.49%*

### MES' Abasaheb Garware College (AGC) Pune

2010 - 2012

*Higher Secondary Education*

*Percentage: 79.00%*

## ACHIEVEMENTS

- Secured second prize in Tesco Graduate Hackathon 2019
- Got recognized multiple times in the Team for collaboration and on-time delivery of Projects
- Published a paper titled "Language Identification System for Indian Languages" in the International Journal for Scientific Research & Development (IJSRD)
- Secured second prize in 6<sup>th</sup> National Project Competition 2016 held at SKNCOE, Pune in Artificial Intelligence