

Aditya Sadaphule Backend Developer

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📄 Updated Resume

Professional Experience(2.8 Year)

Backend Developer,
Tata Consultancy Services (HDFC Bank)

June 2021 – present | Mumbai, India

- Responsible for Net Banking and Admin's **Login Module** and Mobile Banking's **UPI(Unified Payment Interface) Module**.
- I have also enhanced features of **OTP(One Time Password)**, **Money Transfer** and **Positive Pay** transactions.
- Resolved **critical** production issues in a **short-time frame**.
- Developed **CAPA Automation application** to reduce manual effort of **16 to 20Hr to 1-2Hr**.
- Lead redirection of **25K+ URLs** by developing Core Java Code to compile and process them into **3K rules in CSV** format which got efficiently processed by Akamai platform.

Skills

Development

Java, Spring, Spring Boot, Spring Data JPA, Hibernate, Spring Security, Apache Camel, HTML, CSS, React JS, ECMA Script 6 (ES6), Java Script, API Development.

Tools

IntelliJ, Postman, VS Code, Android Studio, Eclipse, SQL Developer, Git, GitHub, Jira, Putty, WinSCP.

IT Constructs

Data Structures and Algorithm, Object Oriented Programming, Operating Systems, Data Base Management System, Microservice Architecture, System Design, Design Patterns, Problem Solving, Critical Thinking, Requirement Analysis.

Certificates

- Design and Analysis of Algorithm (IIT Madras) ☑️
- Microsoft Certified: Azure Fundamentals ☑️

Extra Activity

LeetCode, Top 8%, Max rating 1785. ☑️

GeekForGeeks,
Rank 1 in institute, 1527 overall score. ☑️

Projects

UPI SIM BINDING, *Professional Project*

October 2023 – November 2023

- Non Logged-In UPI section of HDFC was vulnerable to **TROJAN ATTACK** due to which financial loss was bare by customer.
- **RBI** and **NPCI** issued some regulatory for the same for all the banks and till then Non Logged-In UPI registrations are blacked-out.
- I had identified the **Root Cause** and **Technique** by analyzing the logs and provided full proof solutions for implementing the NPCI regulatory, Also developed **build-specific** code for **backward** compatibility for existing users.

OTP Validator, *Professional Project*

August 2023 – September 2023

- OTP Service was vulnerable to **SNIPER ATTACK** because of which user's OTP could have been compromised and user would be in financial risk.
- Implemented business validations using **Spring**, **Apache Camel** and **Oracle DB Connection**, due to which OTP won't be compromised and number of API calls to OTP servers has reduced, Eliminating the Flood and Brute OTP Scenario.

CAPA Automation, *Professional Project*

December 2021 – June 2022

- **CAPA (Compliance and Preventive Actions)** is a weekly report required by our client to verify which of their live sites are currently non-compliant or going to be non-compliant, **manual** generation of this report consumes **16 to 20** hours of an individual.
- Used **Java Swing** and **Apache POI** API's to Develop Java Application for **Automating** the CAPA Process. Due to Automation Operational Time Optimized to **1 to 2** hour.
- Application is **configurable** so it reads modifiable JSON instructions during start-up and uses standard **design principle** for logging.

Education

Bachelor of Engineering,
Ramrao Adik Institute Of Technology

August 2017 – June 2021 | Navi Mumbai, India
CGPA - 6.92