

SOMADITYA BASAK

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Summary:

- An Engineering graduate with over **4 years** of experience in **backend development**.
- Previously worked with Tech Mahindra and PricewaterhouseCoopers.
- Good understanding of **development and debugging experience in Java** from core concepts to advance concepts, **OOPS** and Design Patterns.
- Hands on experience in developing **micro services based** backend solutions with **Spring Boot Framework**, and **exposing RESTful web services**.
- Exposure to entire SDLC, Agile Scrum/Sprint methodology and TDD.

Education Detail:

- B.Tech in Instrumentation and Control Engineering (2011) from Calcutta Institute of Engineering and Management with 7.3 CGPA
- 10+2 in Science stream (2007) from CBSE board with 76.4%
- 10th (2005) from CBSE board with 75.6%

Technical Skills:

- Languages : **Core Java**, XML, XQuery, XPath, JSON, HTML, CSS
- Web Services : **RESTful Web Service, SOAP**
- Databases : MySQL, Oracle, **MongoDB**
- Frameworks : **Spring Boot**, JUnit
- Tools : Maven, Postman, JIRA, Confluence, SVN, **git**
- Architectures : **micro services**, SOA
- Servers : JBoss, Jetty, Tomcat, WebLogic
- Messaging : JMS

Employment:

- BCT Consulting (for client PricewaterhouseCoopers) – Kolkata : May 2017 – August 2017
- Tech Mahindra – Pune : July 2012 – August 2016

Projects Detail:

1 – Future Pricing Platform

- Client : AT&T, USA
- Skills Used : **Core Java, OOPS, Spring Boot, JUnit, MongoDB**
- Tools Used : Spring Tool Suite, Maven, Postman
- Duration : May 2017 – August 2017

Description:

The FPP application is a Telecom Business Support System domain based project. The application is used by AT&T sales managers to calculate service bundling discounts for their corporate customers. I have **developed REST web services** for calculating financial metrics like IRR, DCF, NPV etc. The services also fetched, inserted and updated data into a MongoDB database. As part of the services team, we exposed these micro services to be used by the front end team that developed the graphical presentation interface in AngularJS.

Responsibility:

- Designing and writing **spring boot micro services** for exposing backend logic.
- **Writing Spring Service** Interfaces and their implementations.
- Writing Spring DAO's and their implementations.

2 - Virtual Ticket Management

Client : AT&T, USA
Skills Used : **Core Java, OOPS, JUnit, Spring Boot, MongoDB, swagger, Apache Camel**
Tools Used : Maven, Eclipse STS
Duration : April 2016 - August 2016

Description:

PoC for migrating trouble ticket management platform from proprietary BPM tool to open source technologies. The platform is designed to process requests triggered by faults in network devices.

Responsibility:

- Writing **micro services** based on **spring boot** framework
- Writing Spring Service Interfaces and their implementations.
- Writing Spring DAO's and their implementations.
- Writing MongoDB queries for fetching, updating and inserting data.

3 - U-Verse IPDSSL

Client : AT&T, USA
Skills Used : **Core Java, OOPS, Spring Boot, MongoDB, maven**
Tools Used : Eclipse STS, swagger, SOAP UI, JBoss Application Server

Description:

The project is based on Telecom Network Management Systems domain. U-Verse is the brand of triple play services (broadband, IPTV and telephone) offered by AT&T in USA. All kinds of network faults as well as provisioning request workflows were handled by this application.

Responsibility:

- Gathered and analyzed requirements.
- Designed, developed and unit tested **spring boot micro services** as per requirement.
- Writing high level and low level documentation.

4 - eBusiness Management

Client : AT&T, USA
Skills Used : **Core Java, OOPS, XML, BPMN, BPEL, WSDL, SOAP, XSD**
Tools Used : Eclipse, SOAP UI, SVN, Ant, Oracle Weblogic, SQL Developer
Duration : Jan 2013 - October 2014

Description:

Telecom Operations Support System domain project. Trouble ticket management platform for AT&T corporate offerings like Cloud, WAN, VoIP, VPN etc.

Responsibility:

- Handled the design, development, documentation and production support of the entire view/edit ticket module.
- Extended capability of BPM platform using Java interface and classes.
- Wrote high level and low level documentation.
- Implemented dynamic tabulated presentation using jQuery.