

PAYEL SETH

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Java Full Stack Developer in Deloitte USI

CAREER OBJECTIVE

To be a key player on a highly motivated, productive & innovative software development team. Seeking a position in a team as a Java Developer to further enhance my knowledge and contribute to organizational effectiveness being resourceful, innovative & flexible.

SUMMARY OF SKILLS

- **Language:** Java, JavaScript, C, C++, Python,
- **Platform (OS):** Microsoft Windows, Linux
- **Web Frontend:** React.js, Redux.js, JSP, HTML5, CSS3, jQuery, AJAX, JSON
- **Tools:** Eclipse, IntelliJ, VS Code, Dbeaver, PGAdmin, MS SQL Server, Sourcetree, HP ALM, Filezilla, QEMU, SAP, Putty, Winscp, Sharepoint, MS Office, Jira, Bitbucket, Git
- **Web Server Side:** Spring, Spring Boot, Hibernate, JPA, Rest API, Microservices, RabbitMQ
- **Databases:** MySQL, PostgreSQL, Oracle, MongoDB
- **Testing tools & Frameworks:** JUnit, Mockito, Jest, Selenium, TestNG, Cucumber
- **DevOps:** Maven, Gradle, Jenkins, GIT, Docker, AWS

WORK EXPERIENCE

Healthchoice Asset Management, Hyderabad (July '21 – Present)

Location: Remote (Kolkata)

Project Name: Worker Portal

Company: Deloitte USI

Role: Java Fullstack Developer

Project Summary: Worker portal is an existing portal which is provided for health workers where users are able to create, view, search and delete various applications, enrollments, eligibility results particularly based on their roles.

Roles & Responsibilities:

- Created 4 screens of three submodules so far according to the new design layout and added validations and modified backend logics accordingly. Working on another sub-module now.
- For frontend used JSP, CSS, Javascript, Jquery, AJAX and for backend using Java, Hibernate and Struts.
- For database, using PostgreSQL and migrating some of the existing schemas and stored procedures from oracle to postgresql. Using flyway script for database migration.
- For version control use Bitbucket and git. For deployment use Jenkins trigger build and Jfrog Artifactory to store binaries and artifacts.

- For defect tracking use Jira Stories.

Tools & Technologies : IntelliJ, Dbeaver, PGAdmin, Bitbucket, Git, Jfrog Artifactory, Jira

Healthchoice Asset Management, Hyderabad (January '21 – June '21)

Location: Remote (Kolkata)

Project Name: Issuer Portal

Company: Deloitte USI

Role: Java Fullstack Developer

Project Summary: Issuer portal is a user interface used to display the information captured in a well formatted way, kind of reports. This information is captured and provided by HIX state in forms of CSV and processed by corresponding batches which then gets saved to the database.

Roles & Responsibilities:

- Built 3 screens and backend of one submodule from Scratch. For frontend used React, Redux, Javascript, CSS and Bootstrap. For backend used Spring Boot, Hibernate, JPA, JPQL. Used logging framework for logger. This sub-module is created as a micro-app to connect with common micro-app using microservice. Used Jfrog artifactory to store binaries and artifacts . For database, used PostgreSQL. Used flyway scripts for database migration. For multiple file uploads, used AWS S3 and Rest Template. Apart from that, used Junit and mockito for backend unit test cases.
- For another sub-module, created 6 complex-design screens from scratch using React, Redux, Javascript and Bootstrap. Used Jaws Screen Reader to test for compliance. Created a Global CSS store and used it for other screens. Used i18n to create an internalization framework.
- For both submodules, Concourse is used for CI/CD pipeline. Bitbucket is used for version control and deployed the application using Docker image, Redshift.
- For defect tracking use Jira Stories.

Tools & Technologies : Eclipse, VS Code, Sourcetree, Git, Bitbucket, Concourse, Jfrog Artifactory, Dbeaver, PGAdmin, MS SQL Server, AWS S3, Jira.

Farmers Insurance, Kolkata (June '20 – January '21)

Project Name: Billing Middleware

Location: Offshore (Kolkata)

Company: Tata Consultancy Services

Role: Java Developer

Project Summary: It is an exiting application consisting different sub-applications which are used to generate daily statements of users in both soft and hard copy

Roles & Responsibilities:

- Built a full stack application for tracking the error out account details for a certain date range. React.js, React router, React Hooks, HTML, CSS, Bootstrap are used as front end technologies. For Backend, I used Spring Boot & Java & Maven is used as a DevOPS tool. Spring security is used for basic authentication and JWT based authentication is used for login. Used SQL queries for extracting data from the existing database
- Maintain an existing portal, debug and analyze code error.

Tools & Technologies : Java, HTML, CSS, Bootstrap, React, Spring, Spring Security, JWT, Eclipse, VS Code, MySQL.

Farmers Insurance, Kolkata (October '19 – May'20)

Project Name: Billing Middleware

Location: Offshore (Kolkata)

Company: Tata Consultancy Services

Role: Support Engineer

Project Summary: It is an existing billing middleware application of farmers insurance that integrates SAP FSCD (Collections and Disbursement) with Legacy/Policy Processing (Auto/Home).

Roles & Responsibilities:

- Automated a web based application using Selenium, TestNG, Apache POI. Used Maven as a DevOPS tool and log4j as a logging framework.
- Worked as a 24x7 java support executive, provided application and technical support.
- Analyze, write & debugging java codes and resolve incidents.
- Batch Monitoring, writing SQL queries, raising defects and track via defect tool.
- Sending monthly and weekly reports to the client side .
- Collaborate with Agile team members to understand functional or technical requirements.

Tools & Technologies : Java, Mainframe, Eclipse, Excel, Filezilla, QEMU, SAP Netweaver, Putty, Winscp, SSMS, Sharepoint, HP ALM.

Training Period (September'19 - October'19)

Company: Tata Consultancy Services

Location: Hyderabad

Roles & Responsibilities:

Got one month of extensive training in Java, SQL, HTML, CSS, JavaScript, PLSQL. Gave technical and non technical challenges and prepared some projects on Java.

INTERNSHIPS AND PROJECT WORKS

Final year major project

July, 2018 - June, 2019

Worked on a project as a part of the team under prof. N.Das in Jadavpur University. My role was to develop a model for classifying fish species using autoencoders. I used MATLAB, Python, Machine Learning & Deep Learning algorithms as technologies.

Summer Internship: Indian Statistical Institute

May, 2018 - July, 2018

Convolutional Neural Networks (CNN) consume huge computational resources for its training. We have developed an autoencoder model with a bifurcated regularized layer for feature extraction of images in a dataset, with the help of features extracted by the deep layers of a pre-trained CNN, trained on a completely different dataset. Used Scikit Learn, Keras for coding and Latex for writing.

Database Management, Web Design & Development

September, 2017 - Feb, 2018

Developed a mashup using 4 APIs, namely Google Map, Facebook Share API, Facebook comment API, Pinterest pin it API. Interface developed using JavaScript framework, HTML, PHP, Ajax and CSS with MySQL as the backend database. Also included bar charts using morris.js, BBC news RSS feed to show headlines of news.

ACADEMIC BACKGROUND

Course	Institute	Board	Year of Completion	% Marks/CGPA
M.C.A.	JADAVPUR UNIVERSITY	JADAVPUR UNIVERSITY	2019	8.44 (CGPA)
B.Sc.(Mathematics)	SERAMPORE COLLEGE	UNIVERSITY OF CALCUTTA	2016	68.62%
Intermediate (XII)	DEBISWARI VIDYA NIKETAN	WBCHSE	2013	82.4%
S.S.C (X)	DEBISWARI VIDYA NIKETAN	WBBSE	2011	90.75%

ACHIEVEMENTS

- Received Deloitte Applause award of excellence as a fullstack developer for implementation of issuer portal from scratch and delivering all with very good quality.
- Won Swami Vivekananda Merit Cum Means Scholarship in 2nd and 3rd year given by the Govt. of West Bengal.
- Ranked 21 out of 2200+ applicants of a state level entrance examination for Master of Computer Application, JECA 2016.
- Awarded INSPIRE scholarship in my 2nd year, 2014 and 3rd year, 2015 by the Ministry of Science and Technology, Government of India
- Got scholarship in 1st year, 2013 by the Vidyasagar Bhavan, West Bengal Council of Higher Education.

CERTIFICATES

- Certificate in Information Technology Application by Government of West Bengal
- JavaScript Essential Training
- The Complete React Developer Course (With Hooks and Redux)
- Spring & Hibernate for beginners (includes spring boot)
- Selenium Webdriver with Java
- DevOPS Fundamentals - CI/CD with AWS + Docker + Ansible + Jenkins.
- Docker for the Absolute Beginner-Hands On-DevOps

POSITIONS OF RESPONSIBILITIES AND EXTRA-CURRICULAR ACTIVITIES

- Campus Ambassador: Internshala(Feb'18- March '18): As a campus ambassador, my day-to-day responsibilities were : 1. Creating awareness and promotion among people. 2. Helping to get a greater number of registrations. 3. Word of mouth and offline marketing (posters, notices, etc.).
- Sang songs in Teacher's day program in Serampore College '15 and in Fresher's day in Jadavpur University '16, '17.
- Hobbies: Sketching, Travelling, Rapid Typing, learning new things, watching motivational videos.