

SARTHAK MOHANTY

DETAILS

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SKILLS

- JAVA Programming
- HTML
- CSS
- Javascript
- JQuery
- SQL
- ReactJS
- SpringBoot
- DOJO Framework
- Microservices

SOFTWARE PROFICIENCY

- IntelliJ Idea
- Control-M
- PostMan
- Jasper iReport
- Eclipse
- Squirrel SQL

EXPERIENCE

SOFTWARE ENGINEER AT HSBC SOFTWARE DEVELOPMENT INDIA, PUNE

Sep 2020 – December 2023

UX Refinement and Functionality Buildout

- Applications Involved:** HSBC Basket and customer asset profile maintenance (*30K+ Relationship Managers* involved with *AuM – 50Bn+* customer assets)
- Role:** Full Stack (UI dev with **HTML, CSS and JavaScript**; Backend dev with **Spring** and **JAVA**)
- Key Achievements:** Internal relationship Managers *feedback score increased by 30%*; 5+ new functionalities built from scratch (from requirement assessment to preproduction) including intraday updation of asset attributes.

Re-design and Re-architecting of a critical simulation application

- Applications Involved:** HSBC Global Credit Simulator (*Used by 30k+ Relationship Managers* for all HSBC investment customers)
- Role:** Full Stack (UI dev with **HTML, CSS, JavaScript, JQuery** and **DOJO**; Backend dev with **SpringBoot** and **JAVA**)
- Key Achievements:** *Simulation time brought down to 1/6th of the previous time*; 2 new geographies integrated into the application, auto-report creations of simulations in pdf and excel (improving *RM productivity by 10%* during sales discussions); Structured Simulation UI window- from single pane approach to 3 distinct pathways to improve RM ease of simulating

Production Support and Batch Monitoring

- Applications Involved:** Java Based batch Scripts for End of Day processing
- Role:** Development and Monitoring (Backend development with **JAVA** and **SQL**; Monitoring via **Control-M** and **WinScp**)
- Key Achievements:** Handled *10+ critical high and impact resolutions* independently; Provided production support on two major releases for applications; *improved Batch jobs execution times by 20%* by modifying legacy SQL queries

Application Security Management (Assigned as Security Champion of Agile team)

- Applications Involved:** HSBC Global Credit Simulator
- Key Achievements:** **SonarCube** and **CheckMarks** – vulnerability assessment and fixing of potential issues

INTERN AT HIGHRADIUS, BHUBANESHWAR

Aug 2019 – May 2020

Application Development and Deployment

- Applications Involved:** Intelligent web-based payment prediction engine linked to a cloud-based database through JDBC.
- Role:** Full Stack (UI development using **React JS** and Backend Development using **SpringBoot**; Integrated machine learning models using **Flask API** to enable data-driven payment prediction for improved financial decision-making.)
- Key Achievements:** Development and Deployment of an entire working application from scratch.

EDUCATION

B-Tech	KIIT University (CSE)	2020	7.5/10 CGPA
Class XII	MP & EV English Medium School	2016	78.5%
Class X	ETASI Timpany School	2014	9.6/10 CGPA

EXTRA CURRICULAR

Software CodeFury Competition, HSBC Development India2020

Secured the coveted 1st prize in CodeFury triumphing over 20 teams. The challenge demanded the creation and submission of a fully operational application prototype