SOUMYABRATA CHAKRABORTY

Software Developer,
Application Developer 2, Oracle
Experience – 4 year 6 months

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Application Developer 2	**ORACLE**	**03/06/19 - Present**

- Working as a Full Stack Developer (Core Java, ADF, Oracle DB) in the development of **Learning Module** of the product **HCM Fusion**.
- Implementing an extensible diagnostic framework that allows support user to initiate a recording session that collects diagnostic data to debug any user flow. Also the support user can collect the REST API data in extended format for a particular learning item. Future implementation will be to analyze the data to predict the possible root cause of the bug.
- Integrated Transaction Design Studio with HCM Learn to customize all the attributes of each page whether to display the attribute on the basis of role, country etc.
- Implemented new features My Team Learning Flow with faceted search component.

Associate	**PRICEWATERHOUSE COOPERS**	**27/08/18 – 30/05/19**

- Worked as a Backend Developer (Node, GraphQL, Couchbase Micro Service) in the development of a web-based financial report generating application for one of world's leading audit firm.
- Implement the Content Management System Module from scratch where user can add/modify/delete new rules, maintain the life cycle of them and can publish them on the basis of different industry tags.
- Enhance the performance of loading and creation of excessively large sized checklist.
- Developing real-time functionality, where Auditor/Client marks a response/comment in real time.

Member of Technical Staff	**NEC TECHNOLOGIES INDIA PVT LTD**	**12/07/ 16 – 20/08/18**

- Worked as a Full Stack Developer (Spring Boot, Angular 4, My SQL, REST, Micro Service) in the development of a web based Video Analytics application that can capture live feed and demographics data (age, count, sex etc.)
- Developed the module that visualize demographics data, impression per Advertisement, Dwell time statistics etc on the web application and publish the reports.
- Worked as a Developer (Java FX, Core JAVA) in the development of a desktop applications suite that can create schedules and export them to the content player to display the schedules at the scheduled time.
- Implement the content player Module from scratch which is able to parse schedule package and media content to play in Window/Stick PC at scheduled time.

Languages and Technologies

- **Programming Languages** – Core Java, Java Script(Basic), Type Script(Basic)
- **Operating System** - Linux, Windows
- **Database** - MySQL, Oracle DB, Couch base, Mongo DB
- **Frameworks and tools** – Spring Boot, Angular, Node JS, Graph QL, Spring Tool Suite, VS Code, J Developer, Junit, Mocking Frameworks
- **Architecture** – Micro Service, Monolithic , REST
- **Subjects –** Data Structure & Algorithm, Computer Networks, Distributed Systems

EDUCATION

College Name	Year
. **M.E.** in **Information Technology** from **JADAVPUR UNIVERSITY** CGPA: 7.9/10	**2014-2016**
. **B.Tech** in **Computer Science and Engineering** from **WBUT** CGPA: 8.27/10	**2010-2014**

M.E AND B.TECH MAJOR PROJECT

- Task to develop and simulate the protocol **Optimized HMIPV6** on NS-3 simulator (a discrete-event network simulator) .Almost 91% reduction of total handoff latency is achieved with O-HMIPV6 compared to HMIPV6.
- Developed an efficient algorithm for energy optimal heuristic assignment of Real Time tasks with precedence relationship on DVS processor using A* algorithm and extension of that algorithm like RESOLVE TIES etc.

ACHIEVEMENTS AND RESPONSIBILITIES

- Got Excellence Award two times (in NEC TECHNOLOGIES) and customer appreciation award (in PWC)
- Awarded MHRD Scholarship for pursuing M.E on qualifying GATE 2014 with AIR 1068.
- Teaching Assistant for CS 414E: Computer Networks, Jadavpur University while pursuing Masters.