Chiranjit Saha

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# PROFESSIONAL SUMMARY

Full Stack Engineer having **5** years of professional experience in software design, development, testing and maintenance.

* Documenting requirements, design, code and test cases.
* Troubleshooting and debugging skills in both frontend and backend.
* Single Page Application(**SPA**) designing and development using **ReactJS(Redux), CSS3, Bootstrap**.
* Backend development using **JavaScript**(**NodeJS, ExpressJS**) and .**NET**(**ASP.NET MVC, WebAPI**).
* Relational database development and maintenance: **PostgreSQL, SQLServer.**
* Unit Testing using **JEST**(ReactJS) and **NUnit(**.NET).
* Performance improvement of web applications in frontend(**Code Splitting, Web-Pack, Progressive Web Apps.**) and backend(**Caching, Load Balancing, DB Scaling).**
* Environment setup in **Docker.**
* Deploying services using **Lambda Function**(**AWS**)
* Continuous Integration using **CircleCI.**

# ORGANIZATIONAL EXPERIENCE

**Software Engineer, United Health Group (Optum Global Solutions), Bangalore** [Jun’18 –Present]

1. Reporting Portal - To provide users with the ability to view, download, and print attestation.

* Developing portal using **ReactJS** for web-app and **ExpressJS** for backend.
* Persistence layer: **PostgreSQL.**
* Unit testing using **Jest** and Snapshot testing using **Enzyme**.
* Fixed few **XSS** (Cross Side Scripting) security vulnerabilities
* Performance improvement using **Caching, Indexing** on DB tables.
* **Token based authentication** using JWT and storing the session data using **Redis**.

1. User Self Service Portal for On-Demand Standard Report, which we can avoid manual work of generating the on-demand reports. The web application will help to run the SAS job automatically.

* Maintenance of the **ASP.NET MVC** application and automating manual work of running SAS job using **C#**, **SQLServer**.

**Senior Systems Engineer, Infosys Limited, Bangalore** [Jun’14 – Jun’18]

1. Development and maintenance of .NET applications for a well-known client in energy domain.

* Gathered requirements from client for multiple projects and change requests.
* **Low Level Design(LLD)** of projects in collaboration with Team Lead and Architect
* Maintenance of the **ASP.NET MVC** application.
* Persistence Layer: **SQLServer.**
* Prepared Unit tests in **MTM** (Microsoft Team Manager) and verified using **N-UNIT**.

**EDUCATION**

VIT University, Vellore — B.Tech in Computer Science and Engineering, 2014 CGPA: 7.7