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| Muzaffarpur, Bihar  India. PIN - 844120 | **Jay Prakash** | (+91) 993-902-4556  jp024556@gmail.com |
| **Employment** | | |
| **Software Engineer** | **Opentext** | Jan 2022 - Present |
| * Working here on one of the SAAS product, my role here is to develop new features and maintain the existing functionality. * This product is mainly enterprise focused web application, hence I work on enhancing the performance of it by fine tuning database operations along with make it work with a combination of different technologies such as NodeJS, Elastic Search, Apache Kafka etc to give it the optimal performance. | | |
| **Project Engineer** | **Wipro Limited** | Oct 2019 - Jan 2022 |
| * Working for one of the biggest clients in aerospace industry, successfully completed conversion of old Adobe Flash myHR application into modern HTML5 application using pure JavaScript. * One of the main challenges was to make the newly created application compatible with the older browsers like IE8 along with the modern browsers like Chrome. * After completion of this project, client sent a “Thank You” email mentioning how the increased performance and robustness of new application saved them the overhead of solving a lot of support tickets, as were in the case of previous application. | | |
| **Web Development Intern** | **Ujwal Designing** | **April 2018 - May 2018** |
| * Task was to design and develop an online education site and I was able to create multiple possible designs. * Had to use MYSQL as DB and the cost of querying it was very expensive as client was going to run it on a high traffic website hence to solve this, implemented an efficient “In-Memory” cache system which resulted in increased performance which was around 20% faster than the previous benchmark. * Reference Certificate Link: https://goo.gl/Tv86NT | | |
| **Languages and Technologies** | | |
| * Technology – Java, PHP, HTML, CSS, JavaScript, NodeJS * Database - MySQL * Frameworks and libraries – Spring Boot, Angular, React, jQuery, Bootstrap, D3.js, SAPUI5 * Others - GitHub, Apache, Redis, Apache Kafka, Memcached, Nginx, Visual Studio Code, Sublime | | |
| **Education** | | |
| **Kalyani, India** | **JIS College of Engineering** | **Aug 2015 - May 2019** |
| * B.Tech. in Computer Science and Engineering. CGPA: 8.40/10 * Main coursework: Data Structures, Design and analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering. | | |
| **B.Tech. Major Project** | | |
| * Had to develop automated file translation system which could have been in any format using Google translate engine. * Main problem was when we came to know about Google allows only 5000 characters at once but then we found out that there is another way around and that was Google allows unlimited in-page translations for websites. * So, we developed our system in such a way that all the texts from file can be rendered on a web page without showing it to the users and do in-page translation and then save the translated texts and present to the users. | | |
| **Achievements, Responsibilities and Side Projects** | | |
| * Designed and developed full GPS based Social Commerce website (Localbuyy.com) and optimized it by implementing an efficient cache system that resulted in increased performance which can handle around 10,000 concurrent HTTP requests at once (tested in Apache ab load testing tool). * Developed a Progressive Web App (PWA) for “Localbuyy.com” that can run natively on android (reference: play.google.com/store/apps/details?id=com.localbuyy.app). * Had been selected for Smart India Hackathon 2018. * Many other side projects, you can find it on my personal website(https://jp024556.github.io/) in projects section. | | |