Sandarbh Bhadauria

Full Stack Developer

I am a tenacious developer with strong communication skills and an impeccable work ethic. I am passionate about continuous learning and writing clean code. I have a master's degree in computer science and I have been programming for over 8 years. I have proven experience in creating well-tested performant Web applications for over 6 years.

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📍 Ottawa, Canada in linkedin.com/in/sandarbh-bhadauria-a223231a2

○ github.com/sandyboon

💼 WORK EXPERIENCE

Principal Consultant
Genpact Headstrong Ltd. (On Contract for Paypal)

05/2022 - Present   *Ottawa, Canada*

Achievements/Tasks

- Worked on the unified onboarding project supporting the sign-up process for Paypal across various channels.
- Implemented various new UI features using React JS and Kraken JS(An Express JS flavor developed by Paypal) to improve the signup experience.
- Wrote unit tests for the UI features using React Testing Library and Jest.
- Wrote functional tests using Nemo(Paypal's Node.js solution for running mocha-based selenium-webdriver tests.)
- Instrumented client-side event tracking across several pages to facilitate UX improvement.
- Created and implemented various A/B testing experiments to study the efficacy of the UI changes.
- Integrated the Emotion JS (a front end css-in-JS library) library along with support for SSR and client side hydration.

Front End Developer
FileCatalyst By HelpSystems

01/2021 - 05/2022   *Ottawa, Canada*

FileCatalyst provides fast file transfer solutions that are perfect alternatives to FTP.

Achievements/Tasks

- Designed and implemented the user interface for new features in the various server and client applications in the FileCatalyst suite of software.
- Fixed bugs in the front-end code to improve the software correctness and the user experience.
- Maintained the grunt builds for the various front-end applications.
- Wrote and maintained the automated suite of Selenium tests.
- Regularly analyzed the Selenium test failures reported by the Jenkins CICD pipeline to either update the tests or report new bugs.
- Rebranded various FileCatalyst products' user interfaces after the acquisition by HelpSystems LLC.
- Helped in mentoring and onboarding new junior developers onto the team.

💼 WORK EXPERIENCE

Java Web Developer
FileCatalyst By HelpSystems

11/2016 - 05/2022   *Ottawa, Canada*
Achievements/Tasks

- For over one year, solely supported and maintained the 'FileCatalyst Workflow' application which is a customizable web portal developed with Java EE, Apache Struts, JSP with a MYSQL database backend.
- Designed and implemented numerous end-to-end new features for the web portal 'FileCatalyst Workflow' that resulted in increased customer satisfaction and sales. The work done included the Jave EE backend work and front-end work done with JSP, HTML5, Javascript (ES5 and ES6), BootStrap 4 etc.
- Experienced in leveraging Java's multithreading capabilities and utilities to write thread-safe and performant back-end maintenance tasks and services.
- Implemented the JAX-RS REST API for CRUD operations on various models using Jersey 2.
- Created and maintained HTML pages written purely with HTML5 and JavaScript for the front-end of the application to implement various user interactions. Used Boostrap3 and later Bootstrap 4 for styling and layout.
- Implemented a 'light' version of the 'FileCatalyst Workflow' application in SpringBoot, JSP, Hibernate with a MYSQL database backend.
- Converted the On-premise web application FileCatalyst Workflow into a multi-tenant Software as a Service application - FileCatalyst Spaces.
- Implemented a reliable and fault-tolerant billing mechanism that bills customers for the amount of data transferred/ features used.
- Created and maintained the Selenium test suite and Junit Test suite to make sure that application is well tested for each release.

Software Engineer
Wipro Technologies

02/2010 - 12/2013   *Hyderabad, India*
Global company delivering innovation-led strategy, technology , and business consulting services.
Achievements/Tasks

- Worked on a project that handled Microsoft's volume licensing sales data.
- Wrote/Modified Stored Procedures in MSSQL to cleanse and transform large volume of data.
- Performance tuned slow running SQL queries in the Stored procedures.
- Created design documents describing the proposed changes in the SQL artifacts to achieve the functional change for every release cycle.

🛠️ TECHNICAL SKILLS

Programming Languages	Proficient in java6, Java8, and JavaScript.	**Web Technologies (Java):**	Apache Struts, JSPs, Spring Boot, Servlet Programming.
Web Technologies (JavaScript):	Node, Express JS, React JS.	**IDEs**	Eclipse, Netbeans, and VS Code.
Databases:	MYSQL, MSSQL, MongoDB.	**Software Development Methodology**	Agile with KanBan, Waterfall.
Revision Control System	Git, CVS	**Testing**	JUnit5, Selenium, Jest
Build and Dependency Management Tools	Ant, Maven, Apache Ivy, Gradle, Grunt, Webpack		

EDUCATION

Masters in Computer Science
Carleton University

01/2014 - 08/2016   *Ottawa*

Bachelor of Technology in Computer Engineering
SASTRA University, India

06/2005 - 05/2009   *India, GPA - 8.53/10.0*

CERTIFICATES

Front-End Coding Bootcamp, Carleton University
 (01/2021 - 07/2021)
*Successfully completed the coding bootcamp to learn new skills -
ReactJS, Express, Node JS, and Mongo DB*

PERSONAL PROJECTS

REPARRiT (07/2021 - 07/2021)
- "REPARRiT" is a platform that empowers any kind of repair shop owner to start tracking the reliability of the parts that they put in the repair jobs and thereby offer an optimum warranty price that is profitable and at the time a fair price for their customer.
- The project is built using React JS on the front-end and Node/ Express JS on the backend with MYSQL serving as the persistent storage for the data.
- Github link to the repo- https://github.com/sandyboon/device-repair-app.

Trophy Assigner App (11/2021 - 11/2021)
- I developed this app as a fun project at work so we can award virtual trophies to members of the team. Trophies pass from one team member to another. The app also maintains the history of trophy assignments. The app was built on MERN stack

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency