

Actively seeking Full-Time job opportunity in Database Development and Management Systems, Software Development and Web Design/ Development at a progressive organization

Professional Summary

Results-oriented graduate with **'Create that you wish existed'** attitude for technology development 3+ years application development experience with considerable back-end database processing. Knowledgeable in user-centric full-stack web development with 2 years development familiarity. Passionate about working on modern testing platforms to develop products for global markets. Corporate internship experience in a collaborative environment with critical deadlines.

Relevant Work Experience

- Summer 2016 **Graduate Engineering Project Intern, BOSCH, India.**
- Reported and logged fault data for fuel injection system test line using a fault reporting SAP system.
 - Key team player in the deployment of Variable Frequency Drive (VFC) up-gradation of the product integration testing line for minimizing the errors resulting in time and resource overheads.
 - Received appreciation for articulate reporting of project details and report presentation to higher management.

Independent Projects

- Summer 2017 **Application Tracking System for Job Seekers.**
Programming Technologies: Java, SQL, VCS (Git)
- Launched a desktop application after rigorous testing, developed with **JavaFX GUI** and **Apache Derby** database processing with **embedded JDBC driver** that logs and searches job application data along with visual statistical analysis of the same.
- Spring 2017 **Portfolio Website, chaitalikhisti.github.io.**
Programming Technologies: HTML, CSS, JQuery, Bootstrap, VCS (Git)
- Designed and published personalized **hand-crafted portfolio website** on GitHub pages using web development tools for portraying in-depth profile documentation.
 - Actively working on improving the user-experience by **full-stack implementation** of website using AWS-hosted database and PHP.

Academic Projects

- Fall 2016 **Access Controls for an IoT Database.**
Programming Technologies: Java, SQL, AWS
- Simulated centralized cloud database model with IoT devices and users as multi-threaded functional nodes using **Java Multi-threading** with back-end database monitored using **MySQL WorkBench** for testing purposes and later deployed on **AWS Cloud** to monitor data security from device and user perspective.

Technical Skills

Programming	Java (J2EE, Spring, Maven), Python, CPP (basic)
Databases	Concepts: SQL, PL/SQL, T-SQL, NoSQL, Stored Procedures Database Servers: MySQL, Microsoft SQL Server, DB2, MongoDB
Web Development	HTML, CSS (LESS, Sass), JavaScript (AngularJS, JQuery), PHP, Bootstrap, WebAPI (REST, SOAP)
Tools	Google Analytics, Eclipse IDE, IntelliJ IDE, JUnit, JIRA, Git, MySQL Workbench, Visual Studio, Wampserver
Cloud Technologies	Amazon Web Services
Software Concepts	SDLC, TDD, SEO, VCS

Education and Certifications

- Spring 2017 **Colorado State University, Masters of Science in Electrical Engineering.**
GPA : 3.39 Database Management Systems, Fault-Tolerant Computing, Machine Learning, Computer Organization and Architecture, Foundations of Systems Engineering
- Summer 2015 **Savitribai Phule Pune University, Bachelor of Science (BE) in Electronics and Telecommunication.**
GPA : 3.46 Fundamentals of Programming Languages, Data Structures, Industrial Management, Communication Skills
- CERTIFICATIONS.**
- edX Querying with T-SQL
- Lynda Agile Project Management Foundations, Learning JIRA Software, SEO Foundations