FNU PRIYESH

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Education

Master of Science, Computer Science, GPA: 4/4

Northeastern University, **Khoury College of Computer Sciences,** Boston   Expected May 2023

Relevant Coursework: Programming Design, DBMS, Algorithms, Software Engineering, Data Processing, and mgmt.

Bachelor of Engineering, Telecommunications, GPA: 7.8/10

PES Institute of Technology, Bangalore   Sep 2015

Technical Knowledge

Programming Languages: Java, Python, PL-SQL, JavaScript, R, Shell Scripts.

Applications: Open Shift, Jenkins, Git, Jira, Ansible, AppDynamics, Site 24x7, Splunk, F5 Big-IP, Service Manager.

Web Technologies & Databases: Express, React, Bootstrap, Node.js, TypeScript, HTML5, Oracle, MySQL, MongoDB.

Training and Certifications: Red-Hat Certified System Administrator, RHCE, Java Essentials, Cloud-U, ITIL V3.

Professional Experience

Teaching Assistant   Jan 2022 - Present

CS3200 Database Design, Northeastern University, Khoury College, Boston, MA

- Mentored a class of 80 students by resolving technical queries and providing academic assessment.

Senior Engineer   Jul 2020 - Oct 2021

Hughes Systique, Gurgaon, Haryana

- Streamlined internet usage data consumption dashboard and reduced customer escalation by 60% leveraging tools such as SQL loader, Site 24 7, Python, and Shell Scripts.
- Invented strategies and migrated legacy applications to containers (Open Shift)/cloud.
- Identified and fixed issues related to provisioning and commissioning of work orders achieving 100% SLA.
- Added new infrastructure features such as nodes, pools, VIPs, routes, iRules, and monitors operating F5 Big-IP.

Integration Engineer   Nov 2015 - May 2020

Ericsson, Uttar Pradesh, Noida

- Developed ITSM application "Micro-focus Service Manager" leveraging JavaScript and RAD.
- Integrated application with CRM and OM tools utilizing web services to facilitate real-time event and request flow by making changes in DB schema, triggers, schedules and front-end/back-end processes.
- Led a team of four to devise, test, and document deployment releases.
- Installed OM (monitoring) agents on managed servers to monitor logs, ports, processes, and databases and reduced the downtime of various systems by 20% through proactive monitoring and automation.
- Enhanced event management process by executing auto-action on critical failures and event suppression through shell scripts, further saved more than 80-man hours per week.
- Designed ETL jobs, integrated data-marts, and built BI reports leveraging a Business Intelligence tool iDashboards.
- Created HTML reports using PL-SQL and shell scripts for custom SLA/OLA calculation to improve CSAT.

Academic Projects and Internships

Tuiter Website (JavaScript), Northeastern University   Jan 2022 - Present

- Administered front-end/back-end of a social networking website called "Tuiter" on Node.js server using JavaScript, TypeScript, Bootstrap and React and exposed RESTful Webservices to serve http requests.

Pac-Man inspired adventure game (JAVA 11), Northeastern University   Oct 2021 - Dec 2021

- Devised a MVC based game using OOP principles and patterns such as facade, union, and strategy.
- Tested the project with JUnit 4 test suit and used Swing library to implement the view of the game.

Home Automation System (C), Cori-Lab   Sep 2013 - Nov 2013

- Programmed Arduino to process and decode digital signals from IR remote.

Tongue Driven Wheelchair (C), Wipro   Sep 2013 - Nov 2013

- Collaborated with 2 other students to build a Tongue Driven Wheelchair using Arduino.