Fayaz Saiyadali Karedia

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Technical Skills

- **Programming Languages**: Java, Python, C#, C, C++
- **Database**: SQL Server, MySQL, Oracle, NoSQL (MongoDB), PostgreSQL
- **Operating System**: Windows, Linux, Unix
- **Web Technologies**: HTML5, CSS,Bootstrap, JavaScript, Node JS, ASP.Net, React,Angular
- **Software Engineering Methodologies**: Agile Development (Scrum), MVC, OOP, DevOps
- **Testing Tools**: Unit testing, JUnits , IE debugger, Selenium IDE, Swagger, Chrome testing, Smoke Testing
- **Cloud**: Azure, AWS, and GCP
- **Tools**: JIRA, Postman, GIT, Tableau, BIRT, Microsoft Office

Education

Master of Applied Computing (Co-op)   May 2021-Present
University of Windsor, Windsor, Ontario

Bachelor of Engineering in Computer Engineering   December 2016-October 2020
Mumbai University, Mumbai, India

Work Experience

Computer Technician (Geek Squad)   September 2021-Present
Best Buy, Edmonton Canada (Part-time)
- Responsible for diagnostics, repairs, sales, and customer service
- Regularly test and replace hard drives, power supplies, RAM, and occasionally replacement of motherboards
- Frequent loading and updating of operating systems, backing up and transferring of data while ensuring the confidentiality of all customer data

Software Engineer Intern   August 2020-February 2021
Credence Analytics, Mumbai, India (Full-time)
Technologies-Html, CSS, JavaScript, Nodejs, Oracle, BIRT, Java
- Collaborated with clients to understand any change requests, and communicated with the developers to develop enhancement that boosted clients satisfaction by 30%
- Administered Oracle PL/SQL database development for enterprise application and provided operations support
- Provided support for daily activities like reconciliation, patch application, and data migration
- Developed complex SQL Queries and provided customized reports for supporting asset managing team
- Provided technical support, troubleshooting, maintenance, and upgrades to help clients maintain their database
- Performed UAT with business users, functional testing, and applied code for bugs

Software Developer Intern   May 2020-July 2020
Trivia Softwares, Mumbai, India (Part-time)
Technologies-Html, CSS, JavaScript, JAVA, Oracle
- Conducted continuous testing to monitor performance and fix bugs in databases
- Received coaching from the team leader and gained practical experience in using JAVA and Oracle
- Identified and dealt with a major bottleneck that boosted coding efficiency by 25% when resolved

Academic Projects

Sorting Algorithm Visualizer - Individual Project   November 2021-December 2021
University of Windsor, Mumbai, India
Technologies: - Html,CSS,Javascript , React, Bootstrap
   • Developed progressive web app using React to visualize sorting algorithms such as insertion sort, merge sort, quick sort, and bubble sort
   • Implemented speed functionality and enhanced it further using bootstrap which will help to debug the sorting algorithm

Calmant Using Augmented Reality- Major Project   May 2021-September 2021
University of Windsor, Windsor, Ontario
Technologies: - Android Studio, Sceneform, XML,SQL, Java
   • Developed a stress relief Android application for the people of Windsor to transform their life affected by COVID-19
   • Collaborated with a team using agile methodology and built an AR stress buster game and yoga exercise activities
   • Drafted technical documents and implemented information on the application to meet clients' requirements

Canteen Automation System- Major Project   July 2020-October 2020
Mumbai University, Mumbai, India
Technologies: - Asp.net, Android Studio,XLM, JSON, HTML, CSS, SQL, Java, C#
   • Designed and developed canteen automation web and android application using Html5, CSS, C#, and JavaScript and simplified the ordering process
   • Collaborated with a team of 3 and implemented Restful API in the application
   • Integrated Paypal payment system to provide secure checkout experience
   • Implemented it in a college canteen and deployed the application on AWS cloud

Book Review Website Using Goodreads API-- Individual Project   January 2020
Mumbai University, Mumbai, India
Technologies: HTML, CSS, PostgreSQL, Flask, Bootstrap, Python
   • Integrated third-party API by Goodreads to check reviews and rating of the books and created a PostgreSQL database and developed complex SQL queries

Certificates & Technical Training

   • React.js Essential Training- Linkedin Learning   November 2021
   • Microsoft Certified: Azure Fundamentals(AZ-900) [(Credential)](#)   April 2021
   • CS50's Web Programming with Python and JavaScript-HarvardX [(Credential)](#)   September 2020
   • Microsoft Technical Associate Exam (Python 98-381) [(Credential)](#)   August 2020
   • National Cyber Defence Conference' 19 Edition III- Paper presentation   October 2019
   • Server-side Development with NodeJS, Express, and MongoDB(Coursera) [(Credential)](#)   June 2019

Extracurriculars/Volunteer Activities

Vigilance Scouts and Guide Open Troop, Mumbai, India   January 2007-Present
   • Volunteered for Mumbai Police during festival season
   • Participating in events like Tree Plantation, Beach Clean-up drive, and teaching underprivileged students
   • Maintained academic records of students and guided needy students about scholarship applications