AKHEEL SHEERAZ SHAIK

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**PROFESSIONAL EXPERIENCE**

**Teaching Assistant, Kent State University, Kent OH** Jan 2023 – Dec 23

* Grading the work of graduate students in the Algorithms course
* Reviewed and debugged student’s algorithm implementations in various programming languages, fostering code quality and algorithmic thinking.

**Software Developer, HCL Technologies, Pune, India** June 2020 - July 2022

* For the Two Years ,I have consistently demonstrated strong proficiency in programming languages such as Java, Python, and C++, effectively applying these languages to design, develop, and maintain software solutions.
* Successfully utilized software development methodologies, including Agile and Scrum, to collaboratively plan and execute projects, ensuring efficient and effective development processes.
* Applied software design patterns and principles to create well-structured and maintainable code, contributing to software reliability and scalability.
* Gained experience in software testing and test-driven development (TDD), enhancing the quality and reliability of software systems.
* Possessed knowledge of data structures and algorithms, enabling the creation of efficient and optimized software solutions.
* Demonstrated proficiency in version control systems, particularly Git, to facilitate collaborative software development and tracking of code changes.
* Acquired experience with web application development frameworks, such as React and Angular, to build dynamic and interactive web solutions.
* Familiarity with database technologies, including SQL and NoSQL, allowed for efficient data management and retrieval within applications.
* Exhibited excellent problem-solving skills, effectively addressing technical challenges and optimizing software performance.
* Leveraged strong communication and collaboration skills to work effectively in cross-functional teams, facilitating clear project communication and successful teamwork.

**Java Full Stack Web Developer Intern, HCL Technologies, Pune, India** Jan 2020 – May 2020

* Collaborate with the development team to design, develop, test, and maintain web applications using Java-based technologies for both the front-end and back-end.
* Develop server-side components, APIs, and services using Java, Spring Boot, and other relevant technologies to ensure robust and scalable functionality.
* Design, implement, and optimize database structures, write SQL queries, and work with relational databases like MySQL or PostgreSQL.

**EDUCATION**

**Masters in Computer Science – Kent State University, Kent** Dec 2023

Courses: Advanced Computer Networks, Operating System, Advanced Database System Design, Design & Analysis of Algorithm

**Bachelors in Computer Science – Madnapalle Institute of Technology and Science**  Apr 2020 Courses: OOPS Java, Data Structures, Software Engineering, Unix Programming, Operating Systems

**PROJECTS**

**Responsive Online Education Website**

* The objective of this project is to design and develop a responsive online education website that provides students with access to a range of educational resources, including courses.
* The website was created using HTML, CSS, and JavaScript, React Js and will be optimized for various devices and screen sizes

**SKILLS**

**Tools, Methodologies & Frameworks:** Git, NodeJS, ReactJs, ExpressJS, Bootstrap, Bash, Agile, Scrum

**Programming:** C, Java, Python, JavaScript, SQL, PL/SQl, Linux, Android, Spring Boot, Kotlin

**Databases & cloud:** MySQL, MongoDB, PostgreSQL, AWS, Azure, Devops, Docker, Jenkins, CI/CD

**Technologies:** HTML5, CSS, TypeScript, Java spring boot