Yash Ahire

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EDUCATION

University of North Carolina at Charlotte   **Aug 2022 – Present**
Master of Science in Computer Science   *GPA: 4.0/4.0*

Savitribai Phule Pune University   **Aug 2015 – Mar 2019**
Bachelor of Engineering in Computer Engineering   *GPA: 3.6/4.0*

EXPERIENCE

University of North Carolina at Charlotte   **Jan 2023 – Present**
Graduate Teaching Assistant, Robot Motion Planning   *Charlotte, North Carolina, USA*
- Create and grade assignments based on searching algorithms such as A* search which can be implemented on a bot in Coppelia sim . Grade assignemnts and and solve student's queries on robot visualization and algorithm implementation
- Assist instructor for research on robot motion planning and visualization to implement various algorithms on visual bots

Tata Consultancy Service   **Aug 2019 - May 2022**
System Engineer   *Mumbai, Maharashtra, India*
- Conceptualized and coded front end Interface for 6 applications for client: State Bank of India. 4 applications were deployed at 24000 branches of the bank across India with over 450 million account holders and 4 data centers
- Integrated React alongside CSS in 2 core applications and participated in live deployment drills. Worked on Oracle Database for 6 months and MySQl and database connection with the frontend applications.
- Developed Scalable, Secure, Reliable, and Performant Software Services. application and Microservices based Deployment Capability which increased the company revenue by 10% from last quarter. Continuous Integration and Continuous Deployment Capability. Ease of Operational Maintenance with intrinsic Control Board.
- Designed Service validation of the latest customer facing apps of SBI mobile on Dev and Stage, Replica environments, and provided weekly Sign off for software to go on Production servers with 100% satisfaction.
- Other Responsibilities - Delivering Results: Obsess about taking initiatives to completion Constantly re-assess to ensure actual value is realized Bring in new frameworks and tech into the stack Find faster ways to accomplish tasks Understand existing processes and why they are done Work across teams to reimagine processes in Business, Operations, Design, Data, and Engineering Managed databases and performed configuration management conducted technical testing, and produced reports

SKILLS

- Technical : Python , Javascript , C++ , SQL , Web Development , Java , HTML/CSS , Bootstrap , XML , Oracle , Firebase , APIs ,MongoDb , Oracle weblogic , Oracle Enterprise manager
- Other : Android Studio, MS-Office , Unity 3D, Shell , Git Visual Studio, Google analytics , React JS , Technical documentation , Debugging , CoppeliaSIM
- Interpersonal: Teamwork, Leadership, Goal Management, Communication, Demonstration skills.

PROJECTS

Hear me : Giving the mute a voice   **Jun 2015 - Dec 2015**
- Developed with python uses a hardware device named leap motion controller.converts sign language to audio by mapping hand coordinates to XYZ axis and conversion to text.incremental process model for development. It is a combination of iterative and incremental process models with focus on process adaptability and customer satisfaction by accuracy.
- Project demonstrated at Institute of deaf and dumb research in India and participated in ICINC project competition in 2019 with appreciation from local authority.Used unity 3d for application frontend interface.

Yashahire.com   **Jun 2018 – Feb 2019**
- Portfolio site developed in javascript with 2000+ lines of code , Lists 30+ personal projects done by me developed in Python, Javacript , Android etc , Used JSON for structured data and web transmission of data.
- Has smooth animations , inbuilt api based applications , About me section , Card format ,Projects sections and is responsive on mobile devices.Used jquery and bootstrap for sleek and elegant design with code optimization.

Mini Blogger   **Jul 2020 – Dec 2020**
- Uses Filter from javascript to populate blogs and Firebase database to store data . Requires User information to Upload and publish Blogs to firebase and retrieving to web application

CERTIFICATIONS & RECOGNITION

- Datacamp Certification in Intermediate SQL, Joining Data in SQL, Intermediate SQL Queries.
- Certification in Python at seven mentor
- Udemy certification in Javascript
- M100: certification in MongoDb
- Google cloud Essential's by Qwiklabs