

Gautam Ahuja

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EDUCATION

Masters of Science in Computer Science

STEVENS INSTITUTE OF TECHNOLOGY

Hoboken, New Jersey | Sep 2023 - Present

Bachelor of Technology in Computer Science

D.K.T.E's TEI, SHIVAJI UNIVERSITY

Ichalkaranji, India | Aug 2016 - Oct 2020

Coursework: Data Structures and Algorithms; Agile methodologies; Software Testing; DBMS; Web programming

SKILLS

Software Development and Testing proficiency's: Python, C#, SQL, PostgreSQL, Javascript, HTML, CSS, Functional testing/Manual testing, Regression testing, Integration testing, Automation testing, Unit testing

Libraries/Frameworks: Selenium, doctests, Node.js, Express, React, Jest testing, Supertest API testing, Three.js, NumPy, Pandas, Scikit-learn, XR interaction toolkit, ARFoundation, ARCore, VRTK

Tools: Git, GitHub, Jira, Unity, Lens Studio, Blender

WORK EXPERIENCE

ACCENTURE | APPLICATION DEVELOPMENT ANALYST

Pune, India | Jan 2023 – Jul 2023

- Developed a Snapchat filter using Lens Studio, integrating spatial mapping for AR showroom experiences
- Enhanced Aeromaverse VR project with a chatbot using character animations and Oculus voice SDK.
- Participated fully from project inception to completion, ensuring seamless execution and delivery.

TATA CONSULTANCY SERVICES | ASSISTANT SYSTEM ENGINEER

Pune, India | Jan 2021-Oct 2022

- Designed 3D walkthroughs using Unity and C#, enhancing user engagement and understanding.
- Created detailed 3D models with Blender, ensuring precise visual representation.
- Developed AR applications with Unity, AR Foundation, and ARCore, improving efficiency by 50%
- Utilized VRTK and XR Interaction Toolkit for VR development, boosting final product quality by 40%.
- Delivered immersive virtual experiences for high-profile clients like the Indian Navy and SAIPEM.

PROJECTS

JOB TRACKER APPLICATION

NODEJS, HTML, CSS, JS, HANDLEBARS, LEAFLET

Developed a Job Tracker Application with straightforward, sturdy functionalities aiding candidates in efficiently managing their applications. Implemented insightful statistics alongside a cohesive team effort.

OPENAI DESKTOP ASSISTANT

PYTHON, OPENAI, SPEECH RECOGNITION

Implemented a desktop openAI assistant to enhance user experiences through advanced speech recognition technology and seamless interactions using the openAI API.

SENTIMENT ANALYSIS FOR TWITTER DATA

PYTHON, ANACONDA, KERAS, NLP

This model utilizes an attention mechanism to classify whether a given comment or review exhibits a positive, negative, or neutral sentiment.

CERTIFICATIONS

Python bootcamp (Udemy)

Web XR with THREE.JS (Udemy)

Unity 3D 2019 Essential Training (Linkedin Learning)