Gautam Ahuja

Full Stack Developer

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Education

Masters of Science in Computer Science, *Stevens Institute of Technology* ↗

2023 – present
Hoboken, USA

Bachelor of Technology in Computer Science, *D.K.T.E's TEI* ↗

2016 – 2020
Ichalkaranji, India

Professional Experience

Graduate Student Assitant, *Stevens Institute of Technology*

10/2024 – present
Hoboken, USA

- Contributed to projects focused on course analysis and improvement.
- Provided support in administrative and technical tasks.
- Assisted professors with managing equipment for classes and labs.

Course Assistant for Web Programming, *Stevens Institute of Technology*

09/2024 – 12/2024
Hoboken, USA

- Helped students with assignments and projects related to web programming.
- Provided detailed explanations of course material and debugging techniques.

Application Development Analyst, *Accenture*

01/2023 – 07/2023
Pune, India

- 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.

Assistant System Engineer, *Tata Consultancy Services (TCS)*

01/2021 – 10/2022
Pune, India

- 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%.

Projects

Research Collabarotion Platform ↗

09/2023 – 12/2023

Facilitated meaningful professor-student connections at Stevens Institute for research collaboration. Enabled professors to post research needs, students to apply, and supported interaction through a LinkedIn-style feed, directory, and real-time chat.

Job Tracker Application ↗

01/2023 – 05/2023

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

Skills

Javascript | HTML | CSS | Node.js | React.js | Next.js | Docker | GraphQl | Redis | Python | Pandas | Numpy | Matplotlib | SQL | Git | C# | Unity 3D | Lens Studio | Azure Container Instances | Jira | Blender

Certificates

- Python bootcamp (Udemy)
- Unity 3D 2019 Essential Training (Linkedin Learning)