Apurv Rayate

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Experience

Software Developer @ Mastercard

9/23 - 7/24, New York City, NY

Worked on an internally used data dashboard to visualise data from the Ethoca network, a way for customers to track payments. Used React.js to prototype a tool for customers to review and track payment fraud. Created and maintained CI/CD pipelines in Jenkins for Mastercard Card-on-File, a service for customers to track the usage of their card by merchants. Conducted SonarQube, Checkmarx and BlackDuck scans for the project.

Design Technologist @ SAP Labs

6/22 - 5/23, Palo Alto, CA, Remote, Part-time

Used framer.js, three.js and React.js to prototype multiple demos for SAP's online digital wallet. Designed a 3D dashboard for viewing previous customer supply data and automating new orders based on previous trends in orders. Created a library of reusable web components in framer.js for future prototyping.
Used Processing and TouchDesigner to create prototypes for an installation at SAP's new office in Palo Alto. The installation utilised data from employee's daily lives and made it interactive using the Microsoft Kinect.

Unity Developer @ Cloud Theory - Parsons PETLab

11/21 - 5/23, New York City, NY, Part-time

Worked as a research assistant on a dialogue manager in Unity for Colleen Macklin's game Cloud Theory. Implemented live connection between GPT-Neo model hosted on HuggingFace and Unity. Coded text-to-speech dialogue in Unity using the RT-Voice Plugin. Designed a custom system for procedural dialogue using Unity scriptable objects.

Education

MA New Media
@ Aalto University

07/24 - Present, Espoo, Helsinki

BFA Design + Technology
@ Parsons School of Design

07/19 - 05/23, New York City, NY

Product + PiTech Studio
@ Cornell Tech

07/21 - 05/22, New York City, NY

Skills

React.js, Next.js, Three.js / WebGL, Framer.js, Typescript, Node.js, D3.js, p5.js, Unity, TouchDesigner, Adobe Creative Suite (Photoshop, Illustrator, Premiere), Figma, Processing, Python, PyTorch, OpenCV, Jenkins, Java
Fluent in English, Hindi and Marathi
Conversational German and Japanese

Awards

Graduated from Parsons with Academic and Departmental Honors

Overall Winner - Parsons DT Game Jam 2022
Special Mention, Visual Arts - IBM Quantum Jam 2021