**Apurba Pal**Karaya, Bharatpur, Murshidabad, West Bengal, 742301  
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**Professional Summary**

Innovative Web Developer with extensive experience in full-stack development and pioneering 3D web experiences. Adept at translating complex requirements into responsive, user-centric solutions using modern frameworks such as React, Node.js, and Three.js. Proven track record in designing interactive websites with a strong emphasis on performance, design, and usability.

**Education**

Bachelor of Technology in Computer Science & Engineering  
Adamas University, Kolkata, West Bengal  
*September 2022 – Expected 2026*

Higher Secondary Education  
Faculty Senior Secondary School, Guwahati, Assam  
*August 2013 – May 2022*  
Score: 93.4 percentile

**Skills**

* **Programming Languages**: JavaScript, Python, HTML5, CSS3
* **Frontend**: React.js, Tailwind CSS, React Three Fiber
* **Backend**: Node.js, Express.js, MongoDB
* **3D Web Development**: Three.js, interactive UI/UX design
* **Tools & Techniques**: Git, GitHub, Google Apps Script, API integrations, responsive design practices

**Professional Experience**

**Frontend Developer**  
*AZMTH | August 2024 – Present*  
• Crafted the landing page for AZMTH ([Website](https://home.globaltfn.tech/)) with a focus on usability and visual appeal.  
• Developed a 3D audio player using Rhubarb Lip Sync and FFmpeg to synchronize audio with a 3D character ([GitHub](https://github.com/Apurba-pal/3d_lipSync.git)).  
• Employed advanced design techniques to integrate multimedia elements effectively.

**Intern**  
*Jindal Steel and Power Limited | August 2024 – November 2024*  
• Developed Python scripts for web scraping to efficiently compile and manage data.  
• Automated record-keeping and data updates in Google Sheets using Google Apps Script.  
• Streamlined backend integration and data management processes through effective scripting.

**Software Developer**  
*The Future Network, Kolkata | September 2023 – August 2024*  
• Designed and implemented the landing page for the AI website AZMTH, ensuring a modern, responsive interface.  
• Collaborated on full-stack projects by integrating APIs and delivering seamless user experiences.  
• Contributed innovative ideas to create interactive web elements and dynamic content modules.

**Projects**

**3D Shirt Customizer**  
• Developed an interactive 3D web application using React, Three.js, and React Three Fiber.  
• Enabled users to customize shirt designs via dynamic color pickers, logo uploads, and AI-generated images.  
• [Project Video](https://www.linkedin.com/posts/apurba-pal-642729265_reactjs-threejs-webdevelopment-activity-7247881470487191553-u7C6?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEERxlIBVWCpBvDpP3TJIIZX_ZnFfmvz3B8)

**3D Portfolio Website**• Designed and built a personal 3D portfolio using Three.js to showcase projects and technical skills.  
• Created an immersive, interactive experience to highlight creative and technical competencies.  
• [GitHub](https://github.com/Apurba-pal/3d_basic_portfolio.git)

**3D Pokémon Website**  
• Engineered an interactive 3D web experience with keyboard controls allowing users to interact with Pokémon models.  
• Focused on responsive design and dynamic graphics to engage users.  
• [GitHub](https://github.com/Apurba-pal/3d_pokemon_website.git)

**Web Scraping of College Website**  
• Scraped student data from the legacy college website and generated CSV files for seamless data migration.  
• Demonstrated proficiency in automation and backend integration for data processing.  
• [GitHub](https://github.com/Apurba-pal/AUCSE_web_scrapping.git)

**Achievements**

• 1st Prize, Hack-o-nova 2.0 – College Hackathon Winner  
• 7th Position, Clash of Coders – College Coding Competition

**Certifications**

• Deep Learning using TensorFlow & Deep Learning Essentials – IBM  
• AI for All – Intel Cooperation & Government of India  
• Introduction to Large Language Models, Innovating with Google Cloud and AI, Introduction to Generative AI – Google  
• Artificial Intelligence in Real World – upGrad  
• Problem Solving through Programming in C – NPTEL  
• SQL 50 – Leetcode

**Languages**

English, Hindi, Bengali, Assamese