

# SHAHRIAR AZAD

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## Work Experience

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### AtlasAiDev

Software Developer - Frontend

Dhaka, Bangladesh

Jul 2025 – Present

- Designed and implemented engaging, high-performance UI components for AR/VR plugins of wordpress, ensuring seamless interaction and responsiveness across devices.
- Developed complex, user-friendly interfaces enabling real-time 3D product modification and customization, improving user efficiency and satisfaction.
- Optimized rendering performance for 3D models, reducing load times and enhancing visual fidelity.
- Maintained and organized the Jira project dashboard, ensuring clear task tracking, prioritization, and timely delivery of sprint goals.
- Collaborated with cross-functional teams, including designers and backend developers, to integrate AR/VR features into client-facing applications.
- Applied best practices in frontend performance optimization, accessibility, and maintainable code structure for scalability.

## Projects

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### AR VR 3D Model Try On – AtlasAiDev

Jul 2025

- Developed an interactive AR/VR try-on plugin enabling real-time 3D model rendering and product visualization, installed by **10+** global clients.
- Engineered responsive, high-performance frontend components for 3D model interaction, improving load time by **35%** through model optimization and lazy loading.
- Integrated WebXR/WebGL-based workflows for accurate AR alignment and smooth VR transitions, boosting user engagement by **40%**.
- **Tech stack:** React.js, Three.js, Node.js, Express.js, PHP, TailwindCSS.

### ImageAI – Personal Project

Jan 2025

- AI-powered image generator based on user prompts using OpenAi Dall.E model/OpenAi API.
- Implemented a feature where users can post generated images to the community.
- **Tech stack:** React.js, Node.js, Express.js, MongoDB, OpenAi Dall.E model, OpenAi API.

### Connectify – Personal Project

Nov 2024

- A Social media web app for creating posts, likes, comments and connecting with friends.
- Built responsive news feed, friend requests, dark mode theme.
- **Tech stack:** React.js, Node.js, Express, MongoDB, Material UI.

### ChatByte App – Personal Project

Feb 2025

- Real-time chat application with everyone on the app.
- Implemented user authentication with login-logout features and profile picture update system.
- Built emojis and image sending feature for more engaging conversations.
- **Tech stack:** React.js, Node.js, Express.js, MongoDB, Socket.io, Cloundinary.

### NextHire – Personal Project

Mar 2024

- Designed and developed a full-stack job portal platform to connect job seekers with employers.
- Implemented user authentication, role-based dashboards (Admin, Employer, Job Seeker).
- Integrated advanced filtering and search capabilities for job listings using MongoDB queries.
- **Tech stack:** MongoDB, Express.js, React.js, Node.js (MERN stack).

### Explain Like I'm 5 – Personal Project

Mar 2024

- Built an AI-powered web application that breaks down complex topics into three age-based difficulty levels.
- Integrated Google Gemini AI API to generate dynamic, level-specific explanations.
- **Tech stack:** React.js, HTML5, CSS3, Google Gemini AI API.

### BRACU Library Management – Academic Project

Dec 2024

- Designed and developed a comprehensive library management system tailored for BRAC University.

- Implemented OTP-based password recovery, book issuance, and fine calculation features.
- **Tech stack:** MongoDB, Express.js, React.js, Node.js (MERN stack).

**AI-Powered Summarizer** – Personal Project

May 2025

- Summarization tool that generates concise overviews of long content using AI.
- Summarization mainly generates from URLs as prompts.
- **Tech stack:** React.js, OpenAI API, Tailwind CSS.

**BRACU AI Voice Assistant** – Personal Project

Jun 2025

- Built a smart AI voice assistant that answers real-time queries about BRAC University by fetching and processing up-to-date data directly from the university website.
- Implemented voice interaction using the Web Speech API, enabling natural voice commands and responses.
- **Tech stack:** React.js, Web Speech API, HTML5, CSS3, JavaScript (ES6+).

## Technical Skills

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**Languages:** Python, JavaScript, PHP

**Web Frameworks:** React.js, Next.js, Express.js, Node.js, Django, Tailwind CSS, Material UI

**Databases:** MongoDB, Supabase

**Testing Tools:** Postman

**Web Design:** Framer, Webflow

## Academic Credentials

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**BRAC University**, Dhaka, Bangladesh

*BSc in Computer Science*

Jun 2021 – Dec 2025

CGPA: 2.53 / 4.00

**Chattogram Collegiate School & College**, Chattogram, Bangladesh

*Higher Secondary Certificate*

Mar 2018 – Apr 2020

CGPA: 5.00 / 5.00

## Thesis

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**Consumer and Business Owner Rights and Legal Access: An HCI-Based Approach**

Supervisor: Dr. Jannatun Noor Mukta

Nov 2024 – Present