



TOUHIDUL ISLAM CHAYAN

CTO/Software Engineer

Specialize in Front-end Development

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@CHNsPart

RECENT TECH STACK

- JavaScript (ES6, ES7, TypeScript) for both Functional and OOP.
- React.JS, Next.JS (Full-stack), Node.JS (Nest.JS, Express)
- S.O.L.I.D Scalable Architecture for production build, Custom Hooks and custom design system.
- Understanding of CI/CD Pipeline, Git hooks and linters for better team communications and practices.
- Python for ML (Deep Learning in Computer Vision with black-box models, Transfer Learning with Fine Turing), XAI Frameworks (LIME, SHAP, GradCam).
- Adobe XD and Creative Suite, Figma, Framer for Designing.
- Spline and Blender for 3D elements.
- Work Samples available at → ([Touhidul Islam Chayan](#))([github.com](#)) && ([Touhidul Islam Chayan](#))([behance.net](#))

SKILLS

Python	TypeScript	Javascript
Next.JS	React.JS	TRPC
S.O.L.I.D	Next.JS	Tailwind
Mongo	Serverless	Node.JS
NEST.JS	AI/ML Models	Express
MongoDB	Postgres	React Native
Shadcn	Framer motion	Figma
MySQL	Adobe XD	Spline
Zod	Chart.JS	

WORK HISTORY

2024 JUN - Present Co-Founder & CTO Omni Attention	2023 AUG - Present Co-Founder & CTO OonkoO	2022 JUN - 2023 AUG Software Engineer City Group	2021 JUL - 2022 MAY Software Engineer Ban Base	2021 JAN - 2021 JUL UI-UX & Software Engineer The Boring Platform (DD-AD)
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WORK EXPREIENCES

Omni Attention (AD-IQ)

Co-founder& CTO

2023 AUG - Present

- Led the design and development of the admin panel, website, and Android app, enhancing usability and functionality for real-time ad performance and content management.
- Architected the app infrastructure to ensure scalability and efficiency in managing large screen networks and AI-driven insights.
- Collaborated on creating the pitch deck and delivering technical presentations to investors and stakeholders.
- Managed day-to-day technical operations, led the technical team.
- Supervised the UI/UX design process, delivering a modern, user-friendly interface aligned with company branding.
- Ventures -
 - [Omni Attention](#)
 - [Omni Attention - Branding](#)
 - [Omni Attention - Dashboard](#)
 - [Flyboarding PTBO](#)
 - [Burning It Down](#)

OonkoO

2023 JUN - Present

Co-founder& CTO

- Spearheaded the development of custom software solutions and scalable architecture tailored to client needs across diverse industries.
- Managed the end-to-end development of mobile applications, focusing on both native and cross-platform technologies for seamless user experiences.
- Led a global team of developers and designers, ensuring effective collaboration and timely delivery of high-quality IT solutions.
- Oversaw UI/UX design, web development, and e-commerce solutions, focusing on creating responsive websites and intuitive user interfaces.
- Delivered brand strategy, content creation, and SEO optimization services to enhance client visibility and drive business growth.
- Product -
 - [OonkoO](#) ◦ [Ageless](#) ◦ [TalkPDF](#) ◦ [WhoWorksWhen](#) ◦ [Broker Portal](#)

City Group (AD-IQ)

2022 JUN - 2023 AUG

Software Engineer

- Developed Android app with **React Native** with a custom playlist API built on Mongo DB and Node.JS.
- Server-less Functions with **Prisma, Zod** and **PlanetScale** Database in **Next 13 (TypeScript)**.
- Built an API with **Python (Flask)** to collect ML model data.
- Radiology chest diseases Detection and **DICOM** file viewer for Asgar Ali hospital_
 - [medical-prone.vercel.app](#) (UI + Frontend) and [DICOM Viewer](#) (with JS on an open-source lib)
- Working on the front-end in production with **TypeScript (Next.JS 12 & 13 --experimental)** with → pixel perfect custom Server side and Client side TSX components, API Integration with **TRPC**, Custom Loader, multi step form with business logics, framer motion animation and etc.
- Working on the backend with **Node.JS (Nest.JS)** → User Auth with validation pipes and JWT, CRUD API, Custom repository with business logics, Postgres with **TypeORM** Custom Query Logics.
- Live project : [client.ad-iq.com](#) && [mission-control.ad-iq.com](#)
- Developed & published a Reusable React UI Library with Tailwind CSS → <https://www.npmjs.com/package/chnsui>

Ban Base

2021 JUL - 2022 MAY

Software Engineer

- Built Client-based UI and Frontend Development with React.JS, Material UI and axios.
- Built Backend with Express.JS for REST API with CRUD operation.
- Created the whole UI with UX interactive prototype with Adobe XD.
- 3D elements for custom react components with Blender and Spline.
- UI demo -
 - [Ban-Base Static Site](#) ◦ [Yunus-Center-UI](#) ◦ [SDI-HR-Automation](#)
 - [Elegant & Homes](#) ◦ [3Zero-Club-System](#) ◦ [Impact-Hub-Dhaka](#)

The Boring Platform

2021 JAN - 2021 JUL

UI/UX & Software Engineer

- Built in-house cash-cow software Frontend Development with React.JS, Material UI and fetch with a team of two member (I and my Lead developer)
- Created the whole UI with UX with Adobe XD
- UI demo -
 - [AD-IQ Project](#)
 - [Mind Share - Bill-Board Project](#) ◦ [DDAD-System](#)