

# Khandoker Tahmid Sami

## Developer

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LinkedIn | GitHub



### SKILLS

**Frontend:** HTML, CSS, Tailwind CSS, React.js, TanStack Query, Next.js, Redux Toolkit, MUI **Languages:** Python, JavaScript (ES6+), TypeScript **Database:** MySQL, MongoDB **DevOps:** Git, CI/CD Pipeline, Microsoft Azure, Docker **Visualization Tools:** Excel, Power BI, Tableau **APIs and Testing Frameworks:** REST APIs, Jest **Design Tools:** Adobe XD, Photoshop, Illustrator, Figma

### Education

- **Master of Science in Computer Science** Aug 2021 – Jun 2024  
Universitetet i Sørøst-Norge  
Major: CyberSecurity  
Thesis: Blockchain-based Access Control for Electronic Health Records  
Awards: Best Master's Thesis Award in Computer Science, 2024  
Final Grade: B
- **Bachelor of Science in Computer Science and Engineering** Mar 2015 – Nov 2018  
The National University of Bangladesh  
Project: Traveling Residence Solution  
GPA: 3.57/4.00  
Dhaka, Bangladesh

### Experience

- **Frontend Developer** Feb 2019 – Aug 2021  
CodersTrust Bangladesh  
Tech-Stack: React - TypeScript - Azure  
Dhaka, Bangladesh
- Designed and developed an e-learning platform using React, TypeScript, Redux, and Jest for end-to-end testing.
- Handled the entire front-end development process, from design to deployment on Azure, while efficiently managing resources and improving performance.
- Collaborated with UX designers and back-end developers to integrate front-end elements with server-side logic.
- **UI Designer** Dec 2017 – Jan 2019  
Dimension IT and Software  
Tech-Stack: Adobe XD - Photoshop - Illustrator  
Dhaka, Bangladesh
- Developed innovative and visually appealing UI designs, enhancing the overall user experience of various applications.
- Worked closely with cross-functional teams.
- Ensured cohesive and functional design implementations.

## Projects

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- **Ecovista** - Built a dynamic weather dashboard with Next.js and Tailwind CSS, fetching real-time data on air quality, temperature, wind speed, and weather conditions based on user location or city.
- **Movies Application** - Developed a responsive movie rental dashboard with React and Tailwind CSS, featuring catalog browsing, detail modals, cart management, and light/dark theme support.
- **Food Order Management** - Developed a responsive food ordering dashboard with React and Tailwind CSS, featuring real-time order creation, item selection, dynamic pricing, and order status management.
- **Smart Health Prediction** - Developed a Python model to predict heart disease risk and visualized it with an interactive Tableau dashboard.
- **Intelligent Chatbot with PyTorch** - Developed a PyTorch chatbot with 3 hidden layers, using Lancaster stemming for faster learning and ReLU activation with CrossEntropyLoss.

## Trainings and Certifications

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- **React and Redux** | Code With Mosh | 2023
- **UI Design** | UY LAB | 2017
- **Graphic Design** | SR Institute of Design | 2017

## Co-Curricular Activities

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- **Programming Club** Mar 2015 – Nov 2018  
Member  
National University of Bangladesh
  - Participated in coding workshops to enhance programming skills
  - Collaborated with team members on various programming projects and competitions

## Publications

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Sami, K.T., Toorani, M. (2024). Blockchain-Based Access Control for Electronic Health Records. In: Abie, H., Gkioulos, V., Katsikas, S., Pirbhulal, S. (eds) Secure and Resilient Digital Transformation of Healthcare. SUNRISE 2023. Communications in Computer and Information Science, vol 1884. Springer, Cham.

## Languages

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- **Norsk (Bokmål):** A2 (Pre-intermediate Level)
- **English:** Fluent (Professional)
- **Hindi:** Conversational (Pre-Intermediate)
- **Bangla:** Native (Mother Tongue)

## Interest

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Art, Music, Sports, Technology, Travel