JANNATUL TAZRIN BIVA

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EDUCATION

Master of Science (Technology) in Software Engineering   August, 2022 - June, 2025
University of Turku, Turku, Finland
CGPA: 3.61/5.00

Master of Science in Engineering Design   August, 2021 - July, 2022
UiT The Arctic University of Norway, Narvik, Norway (55 credits completed out of 120)

Bachelor of Science in Electrical and Electronic Engineering   January, 2014 - April, 2018

BRAC University, Mohakhali, Dhaka, Bangladesh
CGPA: 3.22/4.00

POSITIONS OF RESPONSIBILITY

Front End Software Engineer (Full time)   May, 2020 - Present
CEO LYFE LLC, GA ,USA

- Develop and maintain scalable web applications using React.js, Next.js, TypeScript, and Node.js, ensuring seamless integration with back-end APIs.
- Collaborate with cross-functional teams to design, test, and deploy responsive user interfaces through Vercel and AWS, optimizing performance and usability.

Front End Developer (Part time)   Jan, 2025 - Present
Wetopian Global, Finland

- Building and styling responsive interfaces for the Wetopian Global web app using Next.js, Tailwind CSS, and TypeScript.
- Supporting the front-end team in feature development, debugging, and API integration to improve user experience.

Web Developer, Social Media Manager & Video Editor (Part time)   Oct, 2019 – Dec, 2024
IELTS TODAY, Dhaka, Bangladesh

- Managed social media presence using Canva and Facebook Business, creating tailored content and ad campaigns to grow brand visibility and engagement.
- Produced and edited video content for the IELTS TODAY YouTube channel, boosting subscriber growth and maintaining consistent branding.

Web Designer and Developer   May, 2018 – Sep, 2019
United English World, Dhaka, Bangladesh

- Designed and developed responsive websites using HTML, CSS, JavaScript, and CMS platforms (WordPress), integrating plugins, themes, and SEO tools (Yoast, Google Analytics) to improve performance and visibility.
- Created and optimized visual assets with Adobe Photoshop, while applying best practices in usability, accessibility, and stakeholder collaboration to deliver user-friendly web solutions.

Assistant Electrical Engineer   July, 2018 - January, 2021
Headex Power Solution, Cumilla, Bangladesh

- Provide administrative assistance to the Electrical Engineer, facilitating smooth project operations and coordination, with a focus on the distribution of electronic components, solar panels, and surveying for commercial and industrial electrical systems.

SKILLS AND INTERESTS

Programming Languages:	Python, JavaScript, TypeScript
Web & App Development:	Next.js, React.js, React Native, Node.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit, Three.js, WordPress
API Integration & Automation:	RESTful APIs, JSON-based integration, Axios, Fetch, Postman, Selenium, Cucumber
UI/UX & Design Tools:	Figma, Canva, Adobe Photoshop, Illustrator, Spark Post, Blender
3D Modeling & Simulation:	CAD, SketchUp, Ansys Granta EduPack
Video Creation & Editing:	Filmora, CapCut, Adobe Premiere Rush, Kinemaster, Clipchamp
Productivity & Office Tools:	Microsoft Word, PowerPoint, Excel, Outlook, OneNote, Sway
App Prototyping & No-Code Platforms:	Unity, Appypie, Thunkable, Kodular

ACADEMIC AND PERSONAL PROJECTS

AI in Usability Testing (Master's Thesis)
Can AI be used as a usability evaluator?

Static Page Development
Developed using Next.js, TypeScript, and Tailwind CSS with Redux-based state management (Internship project)

Development of Minesweeper game
DTEK2054: User Interface Programming Project (Master's Course)

Development of DoneWithIt App
Mobile app selling second hand product Project (Personal Project)

Development of 3d Shape view App
3d visualization of an object in web app Project (Personal Project)

Development of To Do List Mobile and Web App
To do list mobile app (Personal Project)

Mobile Shopping App Design with Figma Prototype Project
DTEK0069: Usability, User experience and Analytics Project (Master's Course)

Coffee Shop Website Design with Figma Prototype Project
DTEK0069: Usability, User experience and Analytics Project (Master's Course)

Recycling office and lab spaces with digital tools (Green Industry Park Project)
DTEK0088: Capstone Project (Master's Course)

Development of Learn with Fun Kids AR Mobile App
TKO_7090: Mixed Reality and Metaverse Project (Master's Course)

Multipurpose Robotic Arm
EEE-414: Digital System Design, Specialization Project (Bachelor's Course)

Prospects of graphene and carbon nanotube-based interconnects for next generation electronic devices
EEE 400: Thesis/Project (Bachelor's Thesis)

Development of Avalanche Rooftop Snow removal tool
END-3600: Product Design, Specialization Project (Master's Course)

Outdoor Workstation Design Project
TEK-3501: Innovation and Economy (Master's Course)

REFERENCE

Given upon request.