

MD. ATIKUR RAHMAN

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📍 Address: [Google Location](#) (Mirpur-2)

As a Software Engineer with over two years of solid experience, I specialize in developing scalable and efficient platforms using Node.js, Express.js, React.js, and React-Electron. I deliver reliable software solutions from concept to production. Known for teamwork, adaptability, and innovation, I thrive in collaborative settings. Committed to learning, I contribute effectively to impactful projects, improving technical skills and delivering exceptional outcomes in every effort..

Technology Expertise:

- Frontend Development: React, React Electron
- Backend Development: Express (Node.js)
- Authentication & Security: JWT, Passport
- Version Control & Tools: Git, GitHub
- Project Management: Clickup, Trello, Agile
- Database Knowledge: MongoDB, MySQL

Software Developer | [Nexdecade Technology \(Pvt.\) Ltd](#) (05-Oct-23 to Current)

- Improved the accuracy of reverse geocoding and developed advanced features in the [M2M VTS](#) system to enhance performance and reliability
- Resolved map-related bugs and optimized the design in [Nexdecade VTS](#) while implementing a distributed dashboard for better scalability and user experience.
- Contributed to the [GP VTS](#) project by developing new API features, addressing bug fixes, and solving design issues to improve responsiveness and usability
- Designed and deployed user-centric features that streamlined real-time vehicle tracking, enhancing overall system functionality
- Collaborated with cross-functional teams to identify and resolve complex issues, ensuring seamless VTS operations.
- Developing Vehicle Tracking Systems ([VTS](#)) and Vehicle Management Systems ([VMS](#)), specializing in frontend, backend, and mapping functionalities.
- Developing user-friendly interfaces, optimizing backend processes, and integrating mapping features for accurate vehicle tracking
- Contribute to enhancing VMS functionalities, focusing on efficient vehicle monitoring, maintenance scheduling, and reporting features.

Software Engineer | [Metamorphosis](#) (12-Oct-22 to 01-Oct-23)

- Spearheaded the development of two robust web admin panels and pc tracking desktop application
- Developed RESTful APIs for a range of mobile applications, ensuring optimal data transfer and security in compliance with industry standards.
- Employed UML modeling techniques to create detailed design diagrams for various projects, facilitating smooth collaboration and clear project understanding.
- Developed a custom ChatGPT solution for customer service helpline using LangChain.js to enhance automated support and customer experience.
- Designed and implemented APIs for Survey Application ensuring robust functionality and seamless integration

Intern Software Engineer | [Tesseract Technologies](#) (05-Feb-22 to 30-Aug-22)

- Developed and delivered web applications with a strong focus on Human-Centric Design, resulting in increased user engagement and positive client feedback.
- Actively engaged with the Business Team to collect client feedback and requirements, ensuring the delivery of tailor-made solutions that meet their needs and expectations.
- Developed the frontend of an eLearning management system adhering to industry standards

Personal Projects:

- [Portable-MongoDB](#): Without MongoDB installed and use a MongoDB database
Technologies Used: ExpressJs, MongoDB-Binary, Node-Binary
- [Desktop Monitoring App](#): Desktop Usages and Video Tracking Desktop Application
Technologies Used: React ElectronJs, ExpressJs, NodeJs, MongoDB
- [Desktop Monitoring App Admin](#): D-LAB Pc Tracking central database for admin panel
Technologies Used: ReactJs , ExpressJs, NodeJs, MongoDB
- [Custom ChatGPT BOT](#): OpenAI's text-davinci-003 language model and Custom dataset
Technologies Used: ReactJs , ExpressJs, NodeJs, MongoDB
- [Thrift Admin](#): Numeracy & Dexterity Checking admin panel for Thrift mobile app
Technologies Used: ReactJs , ExpressJs, NodeJs, MongoDB
- [Railway Network Bangladesh](#): Exploring Railway map with station and Train schedule
Technologies Used: ReactJs , ExpressJs, NodeJs, Openrailway API

NPM Packages:

- [Portable Mongodb](#):
Technologies Used: MongoDB-Binary, Node-Binary, ExpressJs, mongodb-memory-server
- [Reverse geocoding](#)
Technologies Used: NodeJs, Child Process, OpenStreetMap API, nominatim api
- [Railway Geolocation](#)
Technologies Used: ExpressJs, NodeJs, Openrailway-API

Education:

Bachelor of Science: Computer Science and Engineering (CSE)

- United International University, Dhaka - Bangladesh (**Year of passing: 2020**)

Achievement:

- Champion UIU Cse Fest Project Competition 2017.
- Runner Up of UIU Intra University Project Competition 2017.

Certification:

Certification on Six Month Full Stack Web Development with MERN

- Center for development of IT Professionals (CDIP) , United International University, Dhaka - Bangladesh

Extracurricular Activity

- **Internet of Things** (Champion UIU Cse Fest Project Competition 2017)
- **Painting** (Champion in School level , College level in Ishwardi Upazila 2010,11,12)
- **Writing** (Published A book in Ishwardi Upazila Ekushey Boi Mela 2010)
- **Short Film Making** (Attending 9th International Children Film Festival Bangladesh 2015)