

ALIF AL RAZI

SOFTWARE ENGINEER

Enthusiastic React Full Stack Developer with hands-on experience in developing web applications using **React.js**, **Node.js**, and **MongoDB**. Focused on modern web technologies, **UI/UX design principles**, and applications in **AI and machine learning**. Proficient in **building intelligent solutions** using **OpenAI APIs**, **LangChain**, **RAG pipelines**, and popular **ML frameworks** like **TensorFlow**, **PyTorch**, and **scikit-learn**. Experienced in developing end-to-end AI applications, including **large language models (LLMs)** and **vector databases**. Eager to contribute to innovative projects, leveraging both full-stack development and machine learning expertise to create impactful solutions in a dynamic team environment.

JOB EXPERIENCE

Software Engineer	October 2024 - Present
<i>Tweetsy Inc.</i>	
As a Software Engineer at Tweetsy Inc., I develop full-stack SaaS products with responsive user interfaces and scalable backend services. I collaborate with teams to enhance user experiences, build AI-driven tools for business optimization, and integrate APIs to expand functionality and streamline workflows.	
Moderator	February 2024 – June 2024
<i>Virtual Sherpa</i>	
Promoting constructive engagement, upholding standards, aiding users, strategizing for growth, and safeguarding the community by monitoring and managing unsuitable content.	
Moderator	February 2024 – March 2024
<i>Ecosapiens.xyz</i>	
Ensuring positive interactions, enforcing guidelines, assisting users, collaborating on growth strategies, and maintaining a safe space by monitoring and addressing inappropriate content.	

EDUCATION

Bachelors of Science in Computer Science and Engineering	2020-2024
<i>North South University</i>	
Result: CGPA 3.51 [On a scale of 4]	
Higher Secondary School Certificate (HSC)	2016-2018
<i>Adamjee Cantonment College</i>	
Result: GPA 5 [On a scale of 5]	
Secondary School Certificate (SSC)	2014-2016
<i>BAF Shaheen College, Kurmitola</i>	
Result: GPA 5 [On a scale of 5]	

RESEARCH EXPERIENCE

Ophthalmic Diseases Detection Using CNN
<i>Published at the IEEE International Conference on Computational Intelligence and Communication Networks.</i>
DOI: 10.1109/CICN63059.2024.10847410
ResNet-50, ResNet-18, VGG-16, and VGG-19 architectures for classification. Contributed to AI-driven solutions in early diagnostics.

EXTRACURRICULAR ACTIVITIES

IEEE North South University Student Branch (IEEE NSU SB):
Actively participated as a member of the IEEE NSU SB, engaging in technical workshops, seminars, and networking events.

CERTIFICATIONS

Software Engineer Intern – <i>HackerRank</i> (Credential ID: fe145cccf8b3)
Frontend Developer (React) – <i>HackerRank</i> (Credential ID: 206df90d75b5)
JavaScript (Intermediate) – <i>HackerRank</i> (Credential ID: 5491f303f590)



TECHNICAL SKILLS

Frontend Development

- React.js:** Components, Hooks, Context API, State Management.
- Next.js:** Server-side Rendering (SSR), Static Site Generation (SSG), API Routes.
- JavaScript (ES6+):** Modern syntax, DOM manipulation, and event handling.
- CSS Frameworks:** Tailwind CSS, Bootstrap, Material-UI, shadcn/ui.
- CSS Preprocessors:** SASS/SCSS.
- Responsive Design:** Media queries, Flexbox, Grid.

Backend Development

- Node.js:** REST API development, event-driven architecture.
- Express.js:** Middleware, routing, and APIs.
- Real-time Communication:** Socket.io.
- Authentication:** JWT, OAuth, NextAuth, Firebase Authentication.
- APIs:** RESTful APIs.

Databases

- SQL:** MySQL.
- NoSQL:** MongoDB, Firebase Firestore.
- ORM:** Prisma for Node.js.

Version Control & Deployment

- Version Control:** Git/GitHub.
- Serverless Frameworks:** Vercel.

Artificial Intelligence & Machine Learning

- AI Integration:** Experience working with OpenAI API.
- Machine Learning Libraries:** scikit-learn, TensorFlow, PyTorch, Keras.
- Generative AI:** LLM, OpenAI, Llama, RAG, LangChain, Vector Database.

Programming Languages

- Proficient:** JavaScript, Python.
- Familiar:** C, C++, Java.

Graphic Design

- Tools:** Adobe Photoshop, Adobe Illustrator.