

Atik Mahbub - Curriculum Vitae

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Professional Summary

A versatile and results-driven Software Engineer with over 5 years of experience in front-end and back-end development. Demonstrated expertise in building scalable web applications and leading projects from concept to deployment in both startup and enterprise environments. Proficient in modern technologies such as React and Express.js, with a strong focus on optimizing performance and enhancing user experience. Seeking to leverage my technical skills and collaborative approach in a forward-thinking company where I can contribute to innovative projects and drive technological advancements.

Career Objective

Aspiring to leverage my technical expertise and problem-solving skills in a dynamic environment that fosters innovation and growth. I am particularly interested in opportunities within forward-thinking companies where I can contribute to impactful projects, collaborate with cross-functional teams, and drive technological advancements.

Skills

- Programming Languages: JavaScript, TypeScript, Python, C, C++, SQL, Linux Shell Scripting.
- Frameworks & Libraries: React.js, Redux, Express.js, Django, Django Rest Framework, WebSocket, Material-UI.
- DevOps: Docker, Kubernetes, Microsoft Azure, Heroku, Netlify.
- Other Skills: Algorithms, Data Structures, Competitive Programming, Machine Learning, Teamwork, Problem-Solving.

Experience

Software Engineer, Uxly Software (Nov 2024 - Present)

- Contributed to the development of Web3-based products with a focus on React and TypeScript frontend architecture.
- Assisted in backend API development with Express.js and Prisma for scalable systems.

Software Engineer, SnickerdoodleLabs (Aug 2022 - October 2024)

- Led frontend and supported backend enhancements, resulting in a 30% performance boost.
- Resolved critical platform issues through collaboration and proactive debugging.

Software Engineer, Hypernet Labs (Feb 2022 - Jul 2022)

- Developed optimized React-based interfaces for Web3 digital commerce.
- Delivered mobile-responsive UX in close coordination with UI/UX teams.

Full Stack Developer, Yami United (Mar 2021 - Feb 2022)

- Designed performant APIs and database schemas for faster data access.
- Contributed to full stack feature delivery with distributed teams.

React Developer, Antino Lab (Mar 2020 - Dec 2020)

- Built consistent, state-managed React apps across web and mobile.
- Drove team collaboration through sprint-based feature development.

Full Stack Developer, Smart Retina (Oct 2019 - Jun 2021)

- Developed and launched a real-time peer delivery system, increasing efficiency by 40%.
- Handled bug fixes and features with tight team coordination.

Projects

- Smart Retina: Developed an AI-based diabetic retinopathy detection tool, collaborating with healthcare professionals to refine the algorithm.
- Sensor Data Compression: Enhanced a data compression technique using Python, achieving a 15% increase in efficiency.
- GLU: Created a web app for improved communication between schools, teachers, and students, leading to a 30% increase in user satisfaction.
- Yami Trans: Developed a multi-role e-commerce platform, streamlining operations and reducing processing times.
- CyberDdos: Built a domain protection service against cyber-attacks, contributing to a reduction in downtime for clients.

Publications

Improved Piecewise Constant Approximation Method for Compressing Data Streams

Presented at: IEEE 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT 2019), Dhaka, Bangladesh

Authors: Atik Mahbub, Farhana Haque, Habibul Bashar, Mohammad Rezwanul Huq

DOI: 10.1109/ICASERT.2019.8934460

Summary: Proposed a hybrid compression model for real-time data streams, reducing RMSE by 10–25% and outperforming PCA in compression efficiency.

Education

- B.Sc. in Computer Science and Engineering, East West University (CGPA: 3.03/4) - Graduation: May 2019
- HSC, Azizul Haque College, Bogura (GPA: 5/5) - 2013
- SSC, Bogura Zilla School (GPA: 5/5) - 2011

References

- Dr. Mohammed Rezwanul Haque, Associate Professor, CSE, East West University.
- Dr. Ahmed Wasif Reza, Associate Professor & Chairperson, CSE, East West University.