

# AKIF RAHMAN

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## PROFESSIONAL SUMMARY

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Motivated Computer Science student with hands-on full-stack development experience across the full software lifecycle—designing, developing, testing, and maintaining scalable and secure web applications using technologies such as React, SQL, Azure, and REST APIs. Skilled in Agile development, CI/CD practices, and collaborating with cross-functional teams to deliver optimised and maintainable solutions aligned with business objectives.

## SKILLS

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**Languages & Development Frameworks:** JavaScript, TypeScript, React, Node.js, Next.js, C#, .NET, ASP.NET, Java, Python, PHP, SQL, HTML5, CSS3, Tailwind CSS

**Infrastructure, Databases & DevOps:** Microsoft Azure, MySQL, MongoDB, Docker, Git, Github, GitOps, CI/CD Pipelines, Kubernetes

**Tools, Technologies and Practices:** Postman, Supabase, Chart.js, Agile Development, Code Reviews, REST API Development, Secure Coding Practices, Documentation

## EDUCATION

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### Wilfrid Laurier University

*Bachelor's, Computer Science: Management Minor, Big Data Conc.*

- Relevant Coursework: Algorithm Design and Analysis, Operating Systems, Internet Computing, Data Structures II, Object Oriented Programming, Foundations of Computing, Machine Learning, Data Mining, Text Retrieval and SEO, Artificial Intelligence, Data Visualization, Android Programming

## PROFESSIONAL EXPERIENCE

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### MixA

**Remote**

*Full Stack Blockchain Developer*

*September 2025 - December 2025*

- Contributed to backend development of a blockchain-based application, supporting core APIs and system integrations.
- Implemented backend features such as push notifications and event-driven services for real-time updates.
- Collaborated in a remote, agile team to debug, optimize, and maintain reliable backend functionality.

### NBA Cap Tracker

**Remote**

*Full Stack Web Developer*

*March 2025 - April 2025*

- Developed a full-stack web application using Next.js, React, and Tailwind CSS, delivering a smooth, responsive UI across desktop and mobile platforms.
- Engineered backend logic with Next.js API routes and Supabase to enforce NBA salary-cap rules and team validation, ensuring system reliability and business logic accuracy.
- Implemented TypeScript utility modules to standardize salary formatting and improve code maintainability across the frontend and backend.
- Optimized image loading with lazy loading and Next/Image, improving initial page load speed by 40% and enhancing user experience.

## PERSONAL PROJECTS

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### ScoreCheck

**Remote**

*Full-Stack Web Developer*

*October 2024 - Present*

- Built a full-stack NBA 2K25 box score analysis app with React, TypeScript, Node.js, Express, and PostgreSQL to extract and analyze basketball statistics from screenshots
- Achieved 100% OCR accuracy by integrating Google Cloud Vision API with Python/OpenCV image preprocessing, using multi-strategy thresholding and basketball-specific validation rules
- Created an analytics dashboard with Recharts visualizations and implemented RBAC with JWT authentication and Apple Sign-In, using Prisma ORM for efficient player statistics aggregation and game history tracking