

AZHARUDDIN SYED

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Professional Summary

Motivated Full Stack Software Development student with a solid foundation in programming, web technologies, and software design. Proficient in Java, Spring Boot, MERN stack, and database management, with hands-on experience in building user-centric applications. Eager to leverage my technical skills and passion for innovation to contribute to impactful IT projects. Committed to continuous learning and excelling in a dynamic and growth-oriented environment within the IT industry.

Skills and Expertise

- **Technical Skills:** Java, Python, Spring Boot, Restful APIs, SQL, MongoDB, Express, Node, React, MySQL, PostgreSQL, Prisma ORM, Cloudflare workers.
- **Tools/Software:** Docker, Postman, Git.
- **Soft Skills:** Analytical Problem-solving, Critical Thinking, Effective Communication, Teamwork, and Adaptability.

Education

Lambton college, Toronto, Canada

GPA:3.4/4.0

Post Graduation in Full Stack Software Development

Jan 2024-August 2025

Relevant Courses: Full Stack JavaScript, Java Programming, Python, Database Programming, Cloud Computing, DevOps.

Osmania University, Hyderabad, India

GPA:8.06/10

Post Graduation in Full Stack Software Development

June 2018-June 2022

Relevant Courses: Data Structures and Algorithms, Java Programming, C Programming, Object Oriented Analysis and Design, Web Programming, Software Engineering Principles

Projects

ThoughtStream:

Technologies Used: ReactJS, TypeScript, Cloudflare Workers, Prisma, PostgreSQL, JWT Authentication, Zod Validation, TailwindCSS.

- Designed and developed a scalable full-stack Medium-like application with **5+ REST API endpoints**, handling **100+ concurrent requests** through Cloudflare Workers.
- Created a fully responsive and dynamic frontend using ReactJS and **50+ reusable components**, styled with TailwindCSS for an optimized user experience.
- Configured secure JWT-based authentication, enabling reliable user sessions and managing accounts for **up to 10,000 users**.
- Streamlined backend operations with Prisma ORM and PostgreSQL, managing **4+ relational tables** with optimized query performance.

- Enhanced input validation with Zod, reducing errors in API interactions by **30%** and ensuring data integrity.
- Published a reusable npm package for shared types, downloaded **50+ times** during development, to improve frontend-backend integration.
- Deployed the backend on Cloudflare Workers, achieving **99.9% uptime** and maintaining API response times under **50ms**.

PREMIER ZONE:

Technologies Used: Spring Boot, PostgreSQL, CSV Data Migration, Data Scraping

- Developed a soccer stats tracking application with a robust backend using **Spring Boot** for REST API development and business logic.
- Integrated **PostgreSQL** as the database to store and manage player and team statistics.
- Automated data extraction from soccer websites using **data scraping techniques**, saving the output in CSV files for further processing.
- Implemented CSV file parsing and data migration to populate the database, ensuring accurate and efficient handling of large datasets.
- Designed API endpoints to query match stats, player performance, and team insights for real-time analysis.
- Improved database performance by optimizing queries and structuring the schema to handle high-volume data efficiently.
- Collaborated on a scalable architecture to support future integration of advanced analytics and visualization features.

HONEST NEWS HUB:

- Developed **Honest News Hub**, a React-based application for fetching and displaying top global news in real time.
- Integrated the **News API** to ensure accurate and up-to-date news delivery.
- Designed a **responsive and user-friendly interface** for seamless access to top headlines from around the world.
- Optimized API calls to ensure efficient data fetching and improved performance.
- Enabled real-time updates by implementing state management with React hooks for dynamic rendering of news content.
- Focused on scalable design to accommodate future enhancements, such as category filtering or personalized news feeds.

Training and Key Achievements

- **Completed online training on Web Development** – NullClass
Received a certificate for successfully completing online training on Web Development.
- **Participated in AWS Innovate Online Conference** – Amazon Innovate Online Conference
Received a certificate for attending sessions on cloud best practices and emerging AWS technologies.
- **CSI Hackathon** – Osmania University
Participated in CSI-MJCET 2022 hackathon where I developed a machine learning model for predicting resale price of cars, demonstrating strong problem-solving skills and innovation.
- **Wikimedia Technology Program** – IIIT Hyderabad
Participated in a technology training program to learn about Wikimedia's tools and infrastructure, contributing to community knowledge-sharing and inclusivity initiatives.
