Syed Ahmed Ali

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EDUCATION

- **SUNY New Paltz** — Jan 2025 – Dec 2026
  Bachelor of Science in Computer Science (Accelerated M.S. Track), GPA: 3.8 — New Paltz, NY
  - **Relevant Coursework:** Data Structures, Algorithms, Operating Systems, Databases, Artificial Intelligence, Software Engineering

- **Rockland Community College** — Sep 2023 – Dec 2024
  Associate of Science in Mathematics & Computer Science, GPA: 3.9 — Rockland, NY

EXPERIENCE

- **Lead Software Engineer Intern** — Jul 2025 – Present
  Aurify AI — Remote
  - Developing a team communication tool with **Spring Boot + React**, enabling real-time collaboration and persistence.
  - Optimized React data flows, cutting request latency by **30%**.
  - Automated deployments with **Docker + CI/CD**, reducing release cycle from 2 weeks to 3 days.

- **Software Engineer Intern** — Jun 2025 – Sep 2025
  Andino Labs — Remote
  - Built a construction project agent in **React.js/Node.js** that defined scope of work and organized files.
  - Developed secure **REST APIs** with JWT, improving performance by **25%**.
  - Collaborated in Agile sprints and completed 15+ peer code reviews.

- **IT Support Specialist** — Sep 2023 – Dec 2024
  Rockland Community College — Rockland, NY
  - Resolved 200+ hardware/network/account issues and created documentation, reducing repeat tickets by **15%**.
  - Maintained and imaged lab PCs, ensuring reliable access to academic resources.

- **Software Engineer Intern — AI/ML** — Jun 2023 – Aug 2023
  Macrosoft Inc. — Bedminster, NJ
  - Developed **Python** ML preprocessing pipelines for text and image datasets, reducing preprocessing time by **20%**.
  - Optimized **RESTful services** that powered AI features, lowering response latency by **15%**.
  - Collaborated in **Agile/Scrum** sprints with cross-functional teams, achieving 95% of sprint deliverables on time.

PROJECTS

- **Aurify — React, Vite, TypeScript, Tailwind CSS, Firebase, Google Gemini API**
  - Built a modern AI-powered communication and productivity web app with **React, Vite, and TypeScript**, styled using **shadcn-ui** and **Tailwind CSS**.
  - Integrated **Firebase Auth** for secure authentication and user profiles; added AI-powered feedback features via the **Google Gemini API**.
  - Deployed on **Vercel**, leveraging CI/CD pipelines with GitHub Actions to ensure smooth onboarding, PR reviews, and scalable builds.

- **Fantasy Premier League — Java, Spring Boot, PostgreSQL, Python**
  - Designed and deployed a **RESTful backend** with CRUD APIs for managing 1k+ football player records.
  - Implemented **Python scraping pipelines** to collect and normalize live match data into **PostgreSQL**.
  - Ensured scalability and modular design for integration with potential front-end clients.

- **AI Stock Market Predictor — Python, Flask, React, TensorFlow/Keras, FastAPI**
  - Developed an **LSTM model** to forecast stock prices, achieving 82% accuracy on historical test data.
  - Deployed predictions via **FastAPI** endpoints with a React dashboard for visualization.
  - Built modular pipelines for training, evaluation, and serving forecasts.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript (ES6+), C, C++, SQL, HTML/CSS, Bash/Linux

- **Frameworks/Tools:** React, Node.js, Next.js, Express.js, Spring Boot, Flask, FastAPI, TensorFlow/Keras, Docker, AWS

- **Databases/DevOps:** PostgreSQL, MySQL, MongoDB, Git/GitHub, CI/CD, Agile/Scrum, JIRA