Akshara Bruno

Amsterdam | aksharabruno0119@gmail.com | +31 622003513 | [LinkedIn](#) | [GitHub](#)

MSc Computer Science student with experience in full-stack development and cloud-based applications. Skilled in React, Node.js, TypeScript, Docker, and Kubernetes. Passionate about building scalable, efficient web applications and solving real-world software problems. *Thesis duration: 6 months (from February 2026)*

EDUCATION

University of Amsterdam & Vrije Universiteit Amsterdam   **Amsterdam, Netherlands**
MSc in Computer Science (joint degree)   *Graduation Date: June 2026*
Relevant Coursework: Web Services & Cloud-Based Systems, Service Oriented Design, Software Testing, Adaptive Software, Programming Large-Scale Parallel Systems
Areas of interest: Full-stack development, cloud computing & containerization, software engineering, scalable web applications

APJ Abdul Kalam University   **Thiruvananthapuram, India**
BTech in Computer Science and Engineering (CGPA: 8.68)   *Graduation Date: June 2022*

WORK EXPERIENCE

Envestnet   **Thiruvananthapuram, India**
Product Development Engineer   *August 2022 - July 2024*
- Translated UI/UX design wireframes into high-quality, responsive web applications using ReactJS.
- Collaborated with cross-functional teams (UI/UX, backend developers) to optimize development workflows.
- Utilized Redux for managing application state, ensuring predictable state transitions and seamless data flow.
- Developed and executed unit tests with Jest to maintain the application reliability.
- Received the GEM (Going the Extra Mile) Award for outstanding contributions in Q3 2023.

Sudharmaja Private Limited   **Thiruvananthapuram, India**
Social Media Marketing Intern   *October 2020 - December 2020*
- Improved brand visibility by optimizing online profiles and coordinating promotional content.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, HTML, CSS
Frontend Technologies: ReactJS, Redux, Jest
Backend Technologies: Node.js, Express, Flask, RESTful APIs
Tools & Platforms: Git, Postman, Docker

PROJECTS

Football Result Predictor *(Python, Flask, scikit-learn, ML)* — An ML-powered app to predict football match outcomes using xG metrics and ELO-based team ratings on Kaggle's European Soccer dataset.

Movie Search API *(Node.js, TypeScript, Express, OMDb API)* — A full-stack search API with caching, multiple endpoints, and a minimal UI to showcase functionality.

Containerized Multi-User URL Shortener Service *(Docker, Docker Compose, Kubernetes, Persistent Volumes)* — Authored a technical report analyzing containerization, orchestration, persistence, and load balancing of a multi-service application.

LEADERSHIP EXPERIENCE

IEEE SCT SB   **Thiruvananthapuram, India**
Vice Chair   *February 2021 - January 2022*
- Assisted in the execution of technical events hosted by the Student Branch to promote more community engagement.
- Acted as a Lead Coordinator of Aura 2.0, a technical flagship event focused on bringing more female participants to the technical front. This event received the Darrel Chong Student Activity Award by IEEE.

Interests: Writing, Singing, Playing Instruments, Reading, Sketching, Volunteering