

Ahmed Aziz Rmadi

Linkedin: <https://www.linkedin.com/in/ahmed-aziz-rmadi/>

Github: <https://github.com/armadi1809>

Email : azizrmadi@gmail.com

EDUCATION

- **University of Copenhagen** Copenhagen, Denmark
Master of Science in Computer Science Sep 2025 – Present
 - Recipient of the Danish Government Scholarship.
- **Purdue University** West Lafayette, IN
Bachelor's of Science in Computer Engineering; GPA: 3.99/4.00;
Jan 2019 - Dec 2022

EXPERIENCE

- **Everllence (Formerly MAN Energy)** Copenhagen, Denmark
Student Software Engineer - Edge Applications (EDAE)
Aug 2025 - Present
 - Owned and delivered a **Node.js** CLI scaffolding tool used as the default starting point for framework-based projects
 - Designed and implemented **React** HMI screens using **Electron.js** for complex, data-driven engine control systems
 - Collaborated with senior engineers to build example products, documentation, and best practices for internal developers
- **GE Healthcare** Chicago, IL
Software Engineer II Jun 2024 - Jul 2025
 - Working on the development of a clinical data management platform using **Java Spring Boot, Golang, Typescript, and PostgreSQL**, improving patient data accessibility by more 40% across different sites.
 - Deployed and maintained various microservices on **AWS** (Lambda, EC2, RDS) with CI/CD pipelines (**Jenkins, Docker**), significantly reducing release cycles.
 - Implemented various REST APIs using **Spring boot** to support interoperability between distributed healthcare systems.
- **DMC Engineering, inc** Chicago, IL
Software Engineer I Jan 2023 - Jun 2024
 - Developed enterprise level full stack web applications for clients in various industries using **Next.js, React.js, ASP.NET and SQL Server**.
 - Upgraded and improved user facing mobile applications (1000+ users) using **Xamarin** and **MAUI**.
 - Deployed numerous applications using various cloud providers like **AWS** and **Microsoft Azure**.
 - Developed and maintained internal applications, tools and dashboards to manage budgets across projects and tracking time of more than 300 employees across all of the companies service areas.
- **Susquehanna International Group (SIG)** Philadelphia, PA
Software Engineering Intern - Algorithmic Predictive Execution Team Jun 2022 - Aug 2022
 - Built/integrated a **Python** CLI tool to extract, analyze, and classify **C++** dependencies for a 60,000-file code base.
 - Used the tool to impose dependency rules that reduced the build time of the Phoenix trading engine by approximately 1 hour.
 - Built a python API for perforce source control using **Flask** allowing developers to exclusively check in the dependencies of a single sub-tree in the code base from the remote repository. This had the potential of reducing the space overhead on the team's dev-boxes by 25%.
 - Developed a visualization tool using **Vis.js**, to display the dependency clusters generated by a chosen sub-tree in a dynamic, user friendly graph.

OPEN SOURCE CONTRIBUTIONS

- **Caddy Server | Golang** Nov 2023 - June 2025
 - Caddy is a famous, production ready open source web server that offers out of the box https for your sites.
 - Contributed with several bug fixes and features addition around the error handling of http requests.
 - Source code: [git repo](#)

PERSONAL PROJECTS

- **Movies Diary | Golang, HTMX, Postgres, Tailwind CSS, JavaScript** Mar 2024 - Apr 2024
 - A web diary to save thoughts and impressions about movies watched
 - The application has currently 30 active users.
 - Source code: [git repo](#) — [Live Site](#)
- **AI Personas | React.Js, Next.Js, Planet Scale, OpenAI, Tailwind CSS, Typescript** Oct 2023 – Nov 2023
 - A web application that lets you create your own, custom AI chat bots by filling in simple prompts.
 - Source code and detailed description: [git repo](#)