

AGNES AUGUSTINE

Full Stack Engineer

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PROFESSIONAL SUMMARY

Versatile Full Stack Engineer with a strong foundation in Mathematics and Computer Science. Skilled in front-end and back-end development, AI integrations, testing, and cloud computing. Proven track record of delivering scalable full-stack applications, integrating AI-powered solutions, and optimizing system performance.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, PHP,
 - **Frontend:** React.js, Styled Component, Tanstack Query, Redux, Next.js, Angular, Ionic, Three.js, NgRx, HTML, CSS, SCSS, CSS Module, Bootstrap, Tailwind CSS.
 - **Backend:** Node.js, Nextjs, Express.js, NestJS, Firebase, Supabase, API Design
 - **AI & Machine Learning:** OpenAI API, Claude, Embeddings and Vector Dbs (LLM integrations), RAGs, AI Agents.
 - **Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Prisma, TypeORM
 - **DevOps & Tools:** Git, GitHub, Docker, Linux, Virtualization, Vagrant, AWS, CI/CD, Agile, Jira
 - **Testing & Best Practices:** Jest, Mocha, Jasmine, TDD, BDD, SDLC
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EXPERIENCE

Senior Full Stack Engineer (U.S.A. Remote-Contract) | Helpline Softwares

07/2025 – 09-2025

- Enhanced a large-scale crisis communication platform by translating customer requirements into scalable features, integrating Node.js and Firebase functions.
- Made the application fully responsive across mobile, tablet, and all other devices by utilizing CSS responsive design in a complex Angular Application.
- Delivered comprehensive test using Jest and Cypress for E2E with parallelized CI execution.

Full Stack Engineer (Remote) | Algolog

07/2024 – present

- Developed an **AI-powered GitHub** issue analyzer and assistant using Claude, DeepSeek, Qwen, and other models (**Chrome Extension & Web App**).
- Led the creation and deployment of a Space application with Modern Dashboard and complex data visualization using Typescript, React js, Nextjs, Ionic, Nestjs, and AWS.

- Optimized backend performance by implementing TypeORM, reducing database query response times by 20%.
- Collaborated via Notion, Git, and GitHub for project management and code reviews.

Frontend Developer (Onsite, Italy) | Building Intelligence Group SRL 08/2023 – 05/2024

- Created user interfaces with TypeScript, Angular, Ionic, and React, **increasing user satisfaction** by 30%. This application has lots of users in Europe with thousands of downloads on playstore.
- Upgraded Angular projects to the latest version, reducing load times by 25%.
- Implemented NgRx and RxJS for streamlined state management and asynchronous data handling.
- Enhanced an existing web application by adding new features, fixing bugs, and refining UI designs, leading to a **40% improvement in user experience**.
- Played an active role in **software development lifecycle (SDLC)** processes, including requirement analysis, design, development, testing, and deployment, **accelerating project delivery timelines by 30%**.

Software Engineer (Remote, Spain) | Tees to Bliss 11/2022 – 07/2023

- Developed a CMS using React, Next.js, Three.js, and TypeScript, boosting content management efficiency by 30%.
- Implemented JWT authentication for robust API security.
- Built server-side architecture with Node.js, Express, and TypeScript, reducing development time by 25%.

Software Developer | Staunton and Lycett Limited 11/2018 – 02/2021

- Led stakeholder training on product features, increasing user adoption by 40%.
- Delivered scalable solutions using PHP (Yii), Python, JavaScript, HTML, and CSS.

EDUCATION

- **M.Sc. in Mathematical Modelling & Scientific Computing (110/110)**
Università degli Studi dell'Aquila (Italy) & TUHH (Germany), 09/2021 – 09/2023
- **M.Tech. in Industrial Mathematics (GPA: 4.91/5.00)**
Federal University of Technology, 01/2018 – 07/2021
- **B.Sc. in Maths Education (GPA: 4.74/5.00)** *Adeyemi Federal University of Technology, 08/2015*
- **Software Engineering Mentorship Program** *arol.dev (Barcelona), 03/2023 – 06/2023*

AWARDS

- 2022 Palantir Scholar (Women in Technology Scholarship, Europe)
- 2022 Erasmus+ Technical University of Hamburg, Germany
- 2021 InterMath Erasmus Mundus Scholarship, Europe
- 2018 College Prize, Adeyemi University of Education.