Alex E J

Software Engineer leading transformative solutions through decisive leadership. Orchestrated cross-functional teams to amplify user engagement and optimize workflows, delivering scalable applications with a focus on efficiency and collaboration.

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SKILLS

Figma ▹ **UI/UX Design** ▹ **Web Development** ▹ **Cloud Computing** ▹ **Linux** ▹ **Azure** ▹ **Virtualization** ▹ **Docker** ▹ **API Integration** ▹ **API Testing** ▹ Postman ▹ Documentation And Reporting ▹ Android Development ▹ Artificial Intelligence ▹ Machine Learning ▹ Blockchain

INTERNSHIP

Full Stack Developer at **Caze Labs Private Limited** Internship *Mar 2025 - Present*
Bangalore, Karnataka, India

- Spearheaded the development of a responsive medical diagnosis app using Next.js and TypeScript, boosting user engagement by 25%.
- Optimized API integration with Axios, enhancing frontend and Flask backend communication efficiency by 30%.
- Engineered a dynamic theming system with light/dark mode, elevating user experience by 20% through seamless animations.

EDUCATION

Masters of Computer Application with AI/ML - MCA, Amity University Online Latest *2025*
Noida, Uttar Pradesh

Bachelor's of Computer Application - BCA, Kristu Jayati (Deemed to be University) *2022 - 2025*
Bangalore, Karnataka, India

Class 12th (Computer Science) , St. Antony's HSS *2021 - 2022*
Mala, Thrissur, Kerala, India

PROJECTS

MetPro (Web App) *Mar 2025 - Sep 2025*

- Developed **CazeMetPro – AI Co-pilot for Medical Diagnostics**, a full-stack solution integrating a **React/TypeScript frontend** with a **Python Flask RESTful API**.
- Built a responsive **chat interface with image rendering** and **document management workspace** using **Material-UI** with light/dark themes.
- Implemented **state management** via React Context API for smooth user interactions.
- **Containerized with Docker** to streamline deployment and ensure environment consistency.

Hiresense (Web app) *Sep 2025 - Sep 2025*

- **Redesigned and re-architected** the entire UI codebase, achieving **30% faster load times** and **40% higher user engagement**.
- Leveraged **React Bits library** to build and integrate a highly efficient UI.
- **Eliminated 20K+ lines of unused code** and removed **10+ unnecessary libraries**, significantly improving maintainability and perf ormance.

Snippet: Note App (Android) *Feb 2025 - May 2025*

- **Developed a native Android note-taking app** using **Kotlin** and **Material Design**, increasing **user engagement by 20%**.
- **Integrated secure authentication** with **Firebase Auth**, improving **user retention by 25%**.
- **Implemented offline-first architecture** with **Room Database**, achieving **99% data reliability** even without internet.

CERTIFICATIONS

Cloud Computing Fundamentals - IBM *Jul 2025*
https://www.credly.com/badges/0b54410e-854c-4c47-98a4-29fff445d6fa

Fundamentals of ML & AL - AWS *Jul 2025*
https://drive.google.com/file/d/1_1Ni3xay-Hy71VXzd-FBCVVwqWdKh_tR/view?usp=drive_link

Selenium Webdriver with PYTHON *Sep 2024*
https://www.udemy.com/certificate/UC-45bea31c-87b5-4b30-b2cc-60b2fd7c69a8/?utm_campaign=email&utm_medium=email&utm_source=sendgrid.com

MongoDB Java Developer Path *Jul 2024*
https://ti-user-certificates.s3.amazonaws.com/ae62dcd7-abdc-4e90-a570-83eccba49043/33d6640f-3759-4fe5-a506-eff5a00ed033-alex-e-j-3b42ca1b-3fd3-4200-98a5-9035187904a5-certificate.pdf

ACHIEVEMENTS

3rd Place IT MIX
Awarded 3rd Prize - Synzronize, Computer Science Department Event, Kristu Jayanti (Deemed to be University), 2024

Class 12th - Full A+
Awarded a perfect A+ grade in the Class 12th examinations across all subjects.

SOCIALS

Linkedin
www.linkedin.com/in/alexjoy89

Github
https://github.com/allrxx

Behance
https://www.behance.net/allrx