ANSELM JOSEPH
FULL STACK DEVELOPER

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Full Stack Developer with 5+ years of experience in backend, web and mobile applications. Master's in Computer Engineering with focus on Machine Learning. Experienced with React, React Native, Java, Node.js, MongoDB.

EXPERIENCE

MOLEX   BANGALORE, INDIA
SOFTWARE ENGINEER   DEC 2019 – AUG 2022
- Owned Identity and Access Management (IAM) microservice built using Spring Boot and MongoDB, streamlined user authentication and authorization processes, reducing API development time by 10% and enhancing security.
- Developed middleware to ingest and aggregate real-time data using Python, AWS; improving ingestion rate by 17%.
- Improved digitization pipeline's efficiency by 70% for terabytes of blueprints built on GCP, Python, Pillow, and Solr.

CBREX TECHNOLOGIES   BANGALORE, INDIA
PRODUCT ENGINEER 1   AUG 2017 – DEC 2019
- Refactored website and mobile app to use React and provide excellent UX, improving user engagement by 33%.
- Created 2 JavaScript libraries, reducing redundant code by 20% and improving UX and customer satisfaction.
- Communicated technical subjects to stakeholders and created actionable tasks, reducing delivery timeline of features.
- Contributed to adoption of Agile Methodologies and CI/CD, utilizing Jira and Jenkins, improving productivity by 30%.
- Optimized MySQL queries and implemented API caching using Redis with Spring Boot, reducing load times by 44%.

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY   CHICAGO, IL
MASTERS IN COMPUTER ENGINEERING, 3.9 GPA   EXPECTED MAY 2024
- **Focus:** Probability & Statistics in CS, Machine Learning, and Artificial Intelligence.

NEW HORIZON COLLEGE OF ENGINEERING   BANGALORE, INDIA
BACHELORS IN COMPUTER SCIENCE AND ENGINEERING   AUGUST 2013 – MAY 2017
- **Focus:** Advanced Data Structures and Algorithms

ENTREPRENEURIAL EXPERIENCE

DOG LEADS – React.js, Next.js, Typescript, AWS, Machine Learning
- Created a platform to generate leads for businesses using Artificial Intelligence.
- Implemented a recommendation system using collaborative filtering, increasing user engagement by 40%.

EARTHEN SHADE – React.js, Next.js, Vercel, Firebase, GCP, Typescript, Tailwind CSS
- Designed and developed an e-commerce platform, finding a balance between technical robustness and business impact, while moving fast and iterating with feedback from stakeholders and customers.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.

NOBIAS INVESTING – React Native, Typescript, Swift, Java, GitLab CI/CD
- Balanced between UX and performance on information-rich screens through a process of continuous improvement.
- Widespread device compatibility was prioritized and ensured reliability and responsiveness on low-end networks.

SKILLS

Languages: JavaScript, TypeScript, Python, Java, Swift, Kotlin, Go.
Frontend Technologies: React, React Native, SwiftUI, HTML, CSS, Tailwind CSS, Bootstrap.
Backend Technologies: Google Cloud, Firebase, AWS, Node.js, Next.js, Spring Boot, Flask, MongoDB, Firestore, MySQL, Redis, Docker.
Concepts: Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, REST API, SOAP API, Database Normalization, Agile Methodology, Cloud Computing, Payment Systems, Containerization, CI/CD, Sockets, Networking, Security.