# ANSELM JOSEPH
## FULL STACK DEVELOPER

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## EDUCATION

**ILLINOIS INSTITUTE OF TECHNOLOGY**                                          CHICAGO, IL
**MASTERS IN COMPUTER ENGINEERING (GPA: 3.9)**                        EXPECTED MAY 2024
- **Focus:** Advanced Data Structures and Algorithms

**NEW HORIZON COLLEGE OF ENGINEERING**                                   CHICAGO, IL
**BACHELORS IN COMPUTER SCIENCE AND ENGINEERING**              AUGUST 2013 – MAY 2017
- **Focus:** Prob & Stat in CS, Machine Learning, and Artificial Intelligence.

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## EXPERIENCE

**MOLEX**                                                                 BANGALORE, INDIA
**SOFTWARE ENGINEER**                                                  DEC 2019 – AUG 2022
- Implemented microservices architecture using Node.js and Express, improving API response time by 25% and reducing server load by 30%.
- Led a cross-functional team in implementing a new feature using React and Redux, resulting in a 20% increase in user engagement within the first month.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.

**CBREX TECHNOLOGIES**                                                    BANGALORE, INDIA
**PRODUCT ENGINEER 1**                                                 AUG 2017 – DEC 2019
- Designed and implemented responsive user interfaces with Angular, leading to a 15% improvement in user satisfaction scores.
- Introduced automated testing processes with Jest and Enzyme, increasing test coverage by 30% and reducing post-release defects by 25%.
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.

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## ENTREPRENEURIAL EXPERIENCE

**Project Name 1** | *React.js, Angular, Vue.js, Django, Flask, Ruby on Rails*
- Led the development of a microservices-based e-commerce platform using Node.js, resulting in a 40% increase in daily transactions within the first quarter.
- Designed and deployed a scalable RESTful API using Django and Django REST Framework, achieving a 30% improvement in data retrieval speed.
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.

**Project Name 2** | *Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap*
- Developed a data visualization dashboard using D3.js, providing stakeholders with real-time insights and improving decision-making processes.
- Built a CI/CD pipeline using Jenkins and Docker, reducing deployment time by 40% and ensuring consistent and reliable releases.

**Project Name 3** | *Python, Flask, Jinja2, Firebase, Bootstrap*
- Contributed to an open-source project on GitHub, collaborating with a global community and achieving 500+ stars and 50 forks.
- Implemented automated testing for a critical module using Selenium, reducing regression bugs by 30% and ensuring a more stable release cycle.

## SKILLS

**Languages**: Rust, Kotlin, Swift, Go, Scala, TypeScript, R, Perl, Haskell, Groovy, Julia, Dart
**Technologies**: React.js, Angular, Vue.js, Django, Flask, Ruby on Rails, Spring Boot, Express.js, TensorFlow, PyTorch, jQuery, Bootstrap, Laravel, Flask, ASP.NET, Node.js, Electron, Android SDK, iOS SDK, Symfony
**Concepts**: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing