ANKITA SHARMA

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PROFESSIONAL EXPERIENCE

- **Fidelity Investments**
  Senior Software Engineer — *Greater Boston, United States*

  - **Engineering Tools CoE** : Led the development and deployment of advanced Quality Engineering tools within the Center of Excellence (COE), improving sdlc processes and ensuring reliable enterprise systems.
  - Designed scalable automation processes to collect data integrated with CI/CD pipelines, streamlining software delivery with robust quality standards.
  - Advocated for modern deployment methodologies, fostering cross-functional collaboration, and driving high-quality deliverables. (Java, Angular, Spring Boot, Python, Git, Jenkins, Docker, Kubernetes, Helm, Splunk, AWS, Azure)

- **Tata Consultancy Services, Johnson & Johnson**
  Software Developer — *March 2018 - July 2022*

  - **Loan Management ChatBot**: Crafted an advanced Amazon Lex-powered chatbot, seamlessly integrated with Lambda functions, designed specifically to fulfill customer loan-related intents. (Javascript, Python, AWS Lambda, AWS Lex, Cognito)
  - **TCS DynaPORT™** : Pioneered and led a team to create port and cargo logistics applications with Spring Boot, empowering more than 80 port terminals worldwide to build invoice and ordering systems. Achieved a remarkable 75% enhancement in the overall application performance and harnessed cloud technologies and containerization strategies to optimize global supply chain operations, substantially increasing efficiency. (Java, Spring Boot, Python, Git, Jenkins, Docker, Kubernetes, Helm, Nginx, Kafka, Zookeeper, Weblogic, Wildfly, AWS, Azure, GCP)
  - **Master Data Management**: Revolutionized comprehensive internal training modules for healthcare systems centered around micro-services with Spring MVC. Integrated cloud-native technologies resulting in high application throughput, optimal resource utilization, and high availability. (Java, Spring MVC, Hibernate, Azure Services, Weblogic)
  - **CCI ARC**: Effectively spearheaded the development of supply chain application and developed a framework to manage the product order lifecycle, utilizing Agile-Scrum methodology and orchestrating seamless collaboration between functional and technical teams. (Java, Spring MVC, Spring JPA, MySql, Oracle)
  - **Enterprise Datagrid Management**: Proficiently managed and curated supply data from multiple sources with Spring Boot, in memory data-grid system ensuring data integrity and enhancing the overall efficiency of the data pipeline process by 35%. (Java, Spring Boot, Spring Batch, Kafka, Gemfire)

PROJECTS

- **MapReduce(Distributed Systems)**: Implemented MapReduce to efficiently process and analyze large-scale datasets, the **Chandy-Lamport** algorithm, to ensure synchronized execution of distributed processes, and the Raft consensus algorithm to maintain fault-tolerant operation of distributed systems. (Golang)
- **Time capsule NFT dApp**: Developed a Time capsule NFT dApp using smart contracts and IPFS for immutability and accessibility. It allows users to create, store and sell time capsules on a marketplace. (Node js, React js, Solidity)

EDUCATION

- **University at Buffalo, The State University of New York** — Buffalo, NY
  Masters in Computer Science — *August 2022 - December 2023*

TECHNICAL SKILLS

Languages:	Python, Java, C, C++, JavaScript, Typescript, Php, Html, Css
Databases:	Oracle, MySQL, PostgreSQL, MSSQL, MongoDB, Redis
Frameworks:	Spring Boot, Spring Security, Hibernate, Django, Flask, Express, React, Laravel
Machine Learning:	Scikit-Learn, TensorFlow, Numpy, Pandas
Servers:	Tomcat, Weblogic, Wildfly, Nginx, Kafka, Laravel Forge
DevOps:	CI/CD, Git, Jenkins, Docker, Kubernetes, AWS(IaaS, PaaS, SaaS), Microsoft Azure
Protocols/Tools/Methodologies:	Rest, GraphQL, OAuth 2.0, Maven, Jira, Confluence, Bitbucket, OpenAPI, Swagger Postman, Agile, Scrum, Jira, VS Code, IntelliJ, Eclipse, Linux