

KORTURTI S SOWRI SAMPATH

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EDUCATION

Northeastern University, Boston, MA

Expected Dec 2023

Master of Science in Information Systems **GPA: 3.7/4**

Relevant Courses: Application Engineering and Development, Web Design and User Experience Engineering, Object Oriented Design, Network Structures and Cloud Computing, Smartphone-based web development (IOS), Agile Software Development

Graduate Leadership Institute, Northeastern University, Boston, MA

Expected Apr 2023

Sreyas Institute of Engineering and Technology, affiliated to JNTU Hyderabad, India

Jan 2022

Master of Technology in Embedded Systems

Relevant Courses: Machine learning, Real-time OS, Network security and cryptography, Embedded computing, Fundamentals of cybersecurity

ACE engineering college, affiliated to JNTU Hyderabad, India

Aug 2017

Bachelor of technology in electronics and communication engineering

TECHNICAL SKILLS

Programming languages: Java, Python, Swift, Shell Scripting

Front-End Technologies: ReactJS/Native, Bootstrap, jQuery, Figma, UIKit, SwiftUI, iOS

Back-End Technologies: NodeJS, ExpressJS, SpringBoot

Cloud Services: AWS: CloudFormation, EBS, ELB, Auto Scaling, IAM, EC2, S3, RDS, Route53, Lambda, SES, Cloud Watch, VPC

Database systems: SQL, MongoDB, Firebase, Core Data, Redis

Web-Technologies: HTML, CSS, SCSS, JavaScript, JSON, Redux

Version Control: Git, GitHub

Software Development Methodology: Agile

DevOps: Docker

PROFESSIONAL EXPERIENCE

FINGERTIPZZ.COM, E-Commerce Start-up, Hyderabad, TS, India.

Sep 2020-Dec 2021

Founder, Full Stack Developer

- Built [FingerTipzz](#) app on Google Play Store and IOS with website, achieving 150+ downloads, 400+ customers, 10k monthly visitors, 500+ orders, and 2000+ deliveries
- Integrating payment gateway and location APIs boosted online payments by 95% and location utilization by 100%, increasing orders
- Spearheaded 30 third party vendors with 3000+ products from different domains in Food, Groceries and clothing in the market, contracted negotiations to obtain favorable pricing and scheduling parameters
- Automated order details to display on the vendor's FingerTipzz app/website, syncing with customer, admin, and driver apps/websites

Amazon, Hyderabad, TS, India

Sep 2019-Sep 2020

Transaction Risk Investigator

- Prevented digital transaction risks and money laundering by analyzing buying patterns, IP addresses, and digital fingerprints across multiple marketplaces. Successfully protected the organization from incurring losses or chargebacks worth approximately \$500K.
- Analyzed merchants credit card, chargeback ratio to comply with VISA, Mastercard, Discover, American Express
- Instituted contingency plans for business continuity by cross-training, documentation, and data backups, and processed huge volumes (1500+) of B2B, B2C, and Amazon Pay orders while maintaining optimal investigations per hour.

ACADEMIC PROJECTS

[Mic iOS App](#) (iOS, Swift, XCode, SwiftUI, Spring Boot, Redis, Firebase, Docker)

Apr 2023

- Developed an iOS app(Multi-User Role) that facilitates reservations and food orders for nearby comedy clubs

3-Tier Restful Service (AWS, NodeJS, MYSQL, Sequelize, VSCode - [Webapp](#), [Infrastructure](#), [Serverless](#))

Sep 2022-Nov 2022

- Built a 3-Tier restful service in AWS using CloudFormation template to provision VPC, cloud environment, database, and storage
- Developed a CI/CD pipeline using GitHub Actions, triggering Packer to update the autoscaling group with instance refresh
- Utilized CloudWatch triggers to monitor EC2 and scale-in/out ALB policies for handling user traffic and concurrent requests.

[Express Chat](#) (ReactJS, NodeJS, API's, VSCode and MongoDB)

Mar 2022-Apr 2022

- Created a chat application that uses sentiment analysis to facilitate communication based on the mood of the other person

[Riverstone Event Management System](#) (NetBeans, Java swing, API's)

Mar 2022-Apr 2022

- Designed and implemented an enterprise application for managing interactions and services within an organization

EXTRACURRICULAR ACTIVITIES

NU Entrepreneurs Club

Feb 2023

- Elevated a [sustainable fashion business pitch](#) using Web3 technologies in the NU Entrepreneurship club conducted by [HultPrize.org](#)

CERTIFICATIONS

- [Web Development with React](#), [MERN Stack E-Commerce Mobile App with React Native](#), [Python Pro](#)