DINESH YARAMADA

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Education

Texas Tech University, Master's in Computer Science   Aug 2021 – May 2023
- GPA: 3.8/4.0
- **Coursework:** Advanced Algorithms, Machine Learning, Intelligent Systems, Information Security, Neural Networks

CVR College of Engineering, Bachelor's in Computer Science and Engineering   Aug 2015 – May 2019
- GPA: 8.2/10.0
- **Coursework:** Data Structures, Algorithms, OOPS, C/C++, Web Development, Image Processing, Microprocessors

Skills/Technologies

- Java, Python, GO, C/C++, JavaScript(ES6), Typescript, HTML/CSS, Angular, Vue, Kotlin, Swift

- Spring/SpringBoot, Django, Node.js, ReactJS, Hibernate, JUnit, Gradle, RestAPI, GraphQL, SQL, NoSQL, VectorDB, Android, iOS, ReactNative, Vue.js, NestJS, ExpressJS, Material-UI, BootStrap, Tailwind

- Git, Docker, Kubernetes, UI/UX, Jenkins, AWS-Lambda, EC2, s3, DynamoDB, Athena, Cloudwatch, Elasticsearch, Kafka, Spark, Devops, Automation, A/B Testing, Performance Testing

Experience

Full Stack Web Developer, Quext   June 2023 – Present
- Created a calendar service using Vue.js integrating with Broadcasting & Scheduling services with Java(Spring/Hibernate) for messaging, leasing, property managers residents and accelerating service by 45%.
- Executed a centralized Web Application administrator console to enhance management efficiency for residents and prospects, centralizing leasing offices and workload of leasing agents by reducing processing turn-around time by 65%.
- Implemented RAG (Retrieval-Augmented Generation) GenAI agent for domain-specific responses, integrating databases and custom knowledge libraries achieving $1.2M average savings across 115 multi-family properties.
- Enhanced an Android app featuring augmented reality and real-time mapping with virtual assistant and super-imposed navigation for prospects to help in self-guided touring of all amenities on property.

Full Stack Developer, Hummingwave   Jul 2019 – Jul 2021
- Designed scalable solution for managing credit policies, integrating third-party services, and sourcing partner APIs using Java(Spring/SpringBoot) to enhance financial technology offerings for over 1.3 million users nationwide.
- Integrated analytics and user segmentation in a B2B web application for analytics, rich push notifications, and surveys, resulting in a 47% expansion in revenue and a 143% increase in recurring revenue.
- Adopted MVVM architecture and managed the transition of an existing Android application from Java to Kotlin with over a 100K active users for a cleaner separation of concerns between the different layers of the application.
- Developed an Android application that enables personal and consumer loans for individuals to small-sclae businesses using cryptocurrencies and digital assets as collateral, achieving 800K downloads and a 4.5/5 happiness rating.

Associate Software Engineer, OpenText   Sept 2018 – Mar 2019
- Developed and implemented an end-to-end test automation framework that reduced regression testing time by 65%, leveraging Selenium WebDriver.
- Spearheaded quality assurance initiatives for a Business Process Management (BPM) suite ensuring workflow automation and collaborated with stakeholders to identify process inefficiencies to optimize automation.
- Implemented a comprehensive SOAP-to-REST API transformation strategy restructuring service endpoints to enhance scalability, performance and led the redesign of legacy SOAP-based services into modern RESTful architectures.

Projects

Multi-User Drawing Tool
- An electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized in real time. Available to download and back up with look-up of superimposing comments by users.
- Tech Stack: React, konva.js, Socket.io

Synchronized Desktop Calendar
- A desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other. Calendar spread with GUI scaling and hovering for CRUD events along with recommendation to reduce fragmentation.
- Tech Stack: TypeScript, React, RestAPI, PostgreSQL