Viraj Doshi

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EXPERIENCE

Senior Software Developer

ATFUSA.org   Dec 2023 - July 2024

- Led entire app development lifecycle including requirements gathering, design, and code of an event tracking sports app for para athletes with Adaptive Track & Field (ATFUSA) using **React** & **Redux.**
- Collaborated with ATFUSA representatives to ensure compliance of app features with ATFUSA's standards and gather requirements to design and develop functional and non-functional requirements.
- Re-structured app architecture and used RAD model to quickly deliver a working prototype exponentially reducing the project timeline from **2** years to **6** months, ensuring the project deadlines are met.
- Engineered reusable components, reducing codebase size by more than **5 GB** and enhancing development efficiency.
- Built a library with the above components & packaging it making it easier for developers to maintain & edit the codebase.

Senior Software Developer

Upcloud Technologies (startup)   Sept 2020 - Sept 2021

- Developed a healthcare app with **Flutter & Node** creating a complete solution connecting doctors & patients.
- Collaborated with the **CEO** & cross-functional teams to contribute to **UI/UX** using **Figma** & **App Architecture.**
- Integrated REST APIs and made critical features like appointment scheduling, filters to search for doctors, fitness, and period tracking.
- Dedicated to code quality and performance through active code reviews, parallel programming & mentoring juniors, and optimizing the codebase resulting in a **20%** reduction in errors.

Full-Stack Software Developer

K.J. Somaiya College of Engineering   May 2020 - Aug 2020

- Developed a food ordering website in **MERN Stack** & app in **React**, supporting **40000+** small home cooking businesses.
- Implemented robust search functionality utilizing **Google Maps API**, allowing users to easily discover restaurants and dishes based on their preferences and location.
- Engineered order scheduling functionality, empowering users to schedule food deliveries at their convenience, thereby enhancing user flexibility and satisfaction.
- Performed unit & UAT testing, increasing test coverage by **16%**.

Full-Stack Software Developer

Navin Services   Jan 2016 - Feb 2020

- Built a jewelry app natively in **Android(Kotlin)** & **iOS(UIKit)** taking the physical, in-store business online & increasing customer base.
- Responsible for many core components of the app including a custom 3D interface to show jewelry models, payment gateway integration, user cart, and inventory dashboard.
- Improved collaboration & efficiency by leveraging **DevOps** tools like **Docker, Github Actions, Jenkins, & Prometheus** for various stages of the Software Development Life Cycle (SDLC).
- Implemented **GraphQL** to reduce the payload per request & used caching to further improve app performance.
- Created and deployed **.NET** backend to **AWS** to create various microservices (shifting from private servers) resulting in a significant reduction in maintenance cost by more than **25000**.

SKILLS

Languages: JavaScript ES6, TypeScript, Swift, Kotlin, Java, Python 3, Go, Dart, HTML 5, CSS 3
Frameworks / Database: Node.js, React, Next.js, Django, React Native, Flutter, Redux, MongoDB, PostgreSQL, Firebase
Technologies: REST APIs, GraphQL, gRPC, JSON, AJAX, YAML, XML, Webpack, jQuery
Software Tools / Concepts: AWS, Github Actions, CocoaPods, CI/CD, DevOps, Docker, Gradle, Maven, Jenkins, Agile

PROJECTS

Node-Boiler-Assist | Node package | https://www.npmjs.com/package/node-boiler-assist

- Engineered & published a **node** package using **JavaScript** and **shell scripting** helping developers create boilerplate code for CRUD apps with **1** command.
- Ability to connect to a database from **5** options including **Firebase, PostgreSQL, MongoDB, Redis,** & **MySQL**.

Google Forms Clone | Web Application | https://create-survey.glitch.me/

- Created a Google forms inspired app using **Node.js, JavaScript, Bootstrap,** and **MongoDB**, aimed at delivering an intuitive **UI/UX** with a range of 6 diverse question types.
- Utilized chart.js for **data visualizations**, enabling users to extract insights and streamline repetitive processes.

Portfolio Website | Mobile & Web Application | https://virajdoshi11.github.io/

- Developed a responsive portfolio website using **JavaScript, Node.js, Google Analytics,** and **Bootstrap.**
- Enabled offline access by implementing PWA and caching functionalities, to decrease load time.

EDUCATION

Masters Degree in Software Engineering	**Bachelor of Technology in Computer Science**
New Jersey Institute of Technology	K.J Somaiya College of Engineering
Coursework: Data Structures & Algorithms, Artificial Intelligence, Machine Learning, Project Management	**Coursework**: Data Structures & Algorithms, Machine Learning, Flutter, Swift, iOS Development, Python 3, JavaScript, Java