CHINMAY PATANKAR

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EDUCATION

Master of Science in Data Science   Sep 2021 - May 2023
Stevens Institute of Technology, Hoboken, New Jersey, USA
Relevant Coursework: Applied Machine Learning, Statistical Methods, Big Data Technologies, Web Mining, Deep Learning

Bachelor of Engineering in Computer Science and Engineering   Aug 2015 - May 2019
Savitribai Phule Pune University, Pune, India
Relevant Coursework: Advanced Data Structures, Cloud Computing, Software Modeling & Design, Machine Learning

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, C, HTML5, CSS, R, C#
Frameworks/Libraries: React, Angular, AngularJS, Node.js, NestJS, Redux, Xamarin, JQuery, .NET, Express.js
Databases/Tools: MySQL, MongoDB, PostgreSQL, Azure, Git, Selenium, Gephi

WORK EXPERIENCE

Cognizant Technology Solutions   June 2019 - Aug 2021
Programmer Analyst

Point of Sale(POS) Application: **AngularJS** application deployed on POS system's Firefox 32/44 browser offers prescription details, one-on-one counseling with doctors and facilitates medicine purchases
- Streamlined ordering process by integrating with **barcode reader** to get customer information resulting in 15% reduction in ordering time and enhancing customer experience through automatic login for continuation or initiation of shopping
- Improved doctor availability by implementing pop-up notifications and patient queue, reducing wait time for consultation by 20%
- Implemented consent management feature by interacting with **CBASIC touch screen device** using **REST API**, empowering customers to control their marketing preferences and ensure compliance
- Designed **REST API** using Swagger for retrieving customer's prescription list, facilitating uninterrupted shopping experience
- Proposed and developed a **dual boot hybrid application** enabling smooth migration from legacy AngularJS to Angular 2+ facilitating uninterrupted new developments in latest framework

Specialty Chat Application: Responsive web application built in **Angular**, facilitating bidirectional communication between patients and pharmacy representatives to address queries and concerns
- Improved message organization and prioritization for pharmacist by implementing multiple message inbox filters (date, specialty patient, normal patient), enhancing workflow efficiency and reducing information overload
- Developed a scalable message inbox with reusable components resulting in 20% reduction in application size

Formulary Search Tool: Drug search tool (link) developed using Angular, SASS, Bootstrap, allowing users to search drugs by name, therapeutic classes, or drug index, and providing detailed information on selected drugs
- Collaborated to revamp search tool with UX/UI designer, achieving user-friendly and responsive interface for all devices, driving 40% increase in user engagement
- Enhanced usability by incorporating pharmacist's feedback into incremental working models
- Improved website accessibility for people with disabilities by implementing 508 accessibility compliance

ACADEMIC PROJECTS

Clarity - Cross Platform application for information sharing for students | *Azure, Xamarin, .NET, C#*
- Developed scalable SaaS app leveraging Azure for efficient text messaging, data sharing, and secure storage
- Strengthened security with **2FA**(two-factor authentication) and OTP via **SendGrid** API, ensuring reliable identity verification and user protection
- Achieved code reusability and seamless deployment across iOS, Android, and Windows using Xamarin, improving development efficiency and expanding user reach by 30%
- Coordinated with a team to discuss ideas, breakdown development tasks, and troubleshoot issues

Trello Clone | *Angular, Redux, TypeScript, SASS, Bootstrap*
- Created and designed an Angular application replicating Trello's functionality, implementing Redux for state management and achieving 20% faster task management