

CHINMAY PATANKAR

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EDUCATION

Master of Science in Data Science

Stevens Institute of Technology, Hoboken, New Jersey, USA

May 2023

Bachelor of Engineering in Computer Science and Engineering

Savitribai Phule Pune University, Pune, India

May 2019

TECHNICAL SKILLS

Languages: Python, Java, C++, C, JavaScript, TypeScript, HTML5, CSS, R, C# .

Frameworks/Libraries: React, Angular 2+, Express.js, Node.js, NestJS, Redux, Xamarin, AngularJS, JQuery, .NET, Bootstrap.

Databases/Tools: MySQL, MongoDB, PostgreSQL, Azure, Git, Selenium, Gephi.

WORK EXPERIENCE

Cognizant Technology Solutions

Programmer Analyst

June 2019 - August 2021

Chennai, India

- Transformed **CVS Pharmacy**'s drug dictionary([link](#)) into a highly intuitive and user-friendly interface by partnering with a UX/UI designer. Leveraged **Angular, HTML5, SASS, Bootstrap, REST** to deliver an enhanced experience across various screen sizes and orientations. Presented incremental working models to pharmacists, incorporating their feedback to ensure optimal usability.
- Created a streamlined ordering experience by developing a **barcode scanner** feature that enhances customer satisfaction through automatic login for seamless continuation or initiation of shopping within a **POS (Point of Sale)** application, utilizing **AngularJS, ECMAScript5, REST, SCSS**.
- Implemented an efficient and scalable message inbox for a chat application, employing reusable components that effectively reduced application size by 20%, utilizing **Angular, REST, Redux**.
- Engineered interactive pop-up notifications for incoming calls on a video conferencing platform, facilitating seamless connections between patients and doctors for consultations, leveraging Angular, HTML5, SASS, REST.
- Provided hands-on mentorship and facilitated smooth onboarding for new hires, effectively integrating them into current projects and ensuring a seamless transition into their workload.

ACADEMIC PROJECTS

Clarity - Cross Platform application for information sharing for students

- Developed a scalable SaaS application utilizing **Azure** cloud services for efficient text messaging, unstructured data sharing, and secure storage, reducing dependency on local storage infrastructure.
- Enhanced security measures by integrating robust **two-factor authentication (2FA)** with a unique one-time passcode (OTP) through the SendGrid API, ensuring robust identity verification and reinforcing user security.
- Leveraged Xamarin, a mobile app platform, along with **.NET and C#**, to enable code reusability and seamless deployment across **multiple operating systems** (iOS, Android, and Windows), optimizing development efficiency and expanding user reach.

Employee Management System

- Led a team in designing and developing a full-stack web application for efficient storage, updating, deletion, and searching of employee records..
- Implemented backend services utilizing **JDBC, MySQL, Java** to ensure seamless storage and retrieval of records.
- Utilized Angular framework to construct a user-friendly and responsive frontend interface, enhancing the application's usability and visual appeal.

Startup Success Prediction | *GitHub*

- Conducted end-to-end **ETL (Extract, Transform, Load)** processes to analyze and predict the success rate of startups, incorporating diverse categorical and quantitative factors.
- Developed and fine-tuned machine learning algorithms such as Logistic Regression, KNN, Random Forest, Adaptive Boosting, and Gradient Boosting, using Python, achieving an impressive 87% prediction rate.
- Leveraged data-driven insights and statistical modeling techniques to provide actionable recommendations, enabling data-informed decision-making and fostering business growth opportunities.