

# 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

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

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

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

## WORK EXPERIENCE

### Cognizant Technology Solutions

June 2019 - August 2021

Programmer Analyst

- Boosted customer satisfaction by developing **barcode scanner** feature using **AngularJS**, **REST** for automatic login, reducing checkout time by 30% within **POS(Point of Sale)** application
- Collaborated with UX/UI designer to revamp drug dictionary ([link](#)) with an improved user-friendly interface, resulting in a 25% increase in user engagement leveraging **Angular**, **REST**
- Developed pop-up notifications for a video conferencing platform in Angular, reducing missed calls by 30% and enhancing patient experience with a waiting queue system for doctors' consultations
- Developed a scalable message inbox with reusable components for a chat application, resulting in a 20% reduction in application size, optimizing performance and resource utilization using Angular
- Enabled seamless customer interaction in a POS application by developing multiple interactive screens on a **CBASIC** touch screen device, resulting in a 30% increase in sales revenue using AngularJS
- Designed and developed a **dual boot hybrid application** enabling smooth migration from legacy AngularJS to Angular 2+ facilitating uninterrupted new developments
- Improved website accessibility by implementing **508 compliance** standards, ensuring inclusivity and increasing user reach by 20%
- Enabled seamless onboarding for new hires, ensuring smooth integration into projects, resulting in increased productivity and reduced ramp-up time

## ACADEMIC PROJECTS

### Clarity - Cross Platform application for information sharing for students | *Azure, Xamarin, .NET, C#*

- Developed scalable SaaS app on 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, improving development efficiency and expanding user reach by 30% using Xamarin
- Coordinated with a team to discuss ideas, breakdown development tasks, and troubleshoot issues

### 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 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

### 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