



EDUCATION

- **Master of Science - Computer Science** August 2023 - May 2025
California State University - East Bay, CGPA: 4.0/4.0
- **Bachelor of Engineering - Computer Engineering** August 2017 - May 2021
Sinhgad Institute of Technology and Science - SPPU, CGPA: 8.82/10.0

WORK EXPERIENCE

- **Software Engineer** May 2021 - July 2023
Persistent Systems Ltd. - Pune, India
 - Medical Analytics Curation Portal**
 - Upgraded Angular and PrimeNG versions from v8 to v12 incrementally, covering 50 components and 30 packages.
 - Collaborated with the QA team to conduct five rounds of end-to-end testing to resolve any bugs during the upgrade.
 - Designed a comprehensive, dynamic Angular Reactive Forms interface with multiple custom validators, tailored to specified requirements.
 - Integrated a multiple images attachment feature for the chat environment using the Quill Editor library.
 - Quality Control Metrics Portal**
 - Collaborated with the UI/UX Designer to create the portal from scratch as the lead frontend developer.
 - Developed a user tagging feature for comments with Quill Editor library, enabling the tagging of multiple stakeholders.
 - Designed versatile, reusable components to enhance code quality and maintainability within the application.
 - Seat Booking Portal**
 - Implemented a visual seat selection feature for employees to choose seats by clicking on the seat in the floor plan.
 - Created a Push.js notification feature to alert users about booking confirmations, reminders, and cancellations.
 - Authored unit test cases using the Jasmine library to ensure the proper performance, achieving 100% success.
 - Car Insurance Portal**
 - Introduced a multi-step reactive form with validations for users to fill in their personal and damaged car details using the Stepper component from Angular Material.
 - Built a drag-and-drop feature for users to upload the image of their damaged car and integrated it with an API that reads the registration number from the image.

PROJECTS

- **OmniMeds(E-commerce medicine website with prescription verification) - Full Stack**
 - Established an e-commerce platform linking patients and doctors, enabling secure sharing of verified digital prescriptions.
 - Developed a prescription creator and parser using Python modules like docx2pdf for development of prescription and the rsa module for the digital verification.
 - Deployed this website on AWS creating a VPC using the EC2, RDS and S3 services.
 - This project is mentioned in the [IEEE 2021 International Conference on Artificial Intelligence and Machine Vision \(AIMV\)](#).
- **Connectify(A Real Time Web Chat Application) - Full Stack:**
 - Developed an online chat application using React, Node.js, and Chakra UI, supporting both individual and group chats.
 - Implemented real-time communication with WebSocket protocol via Socket.io for enhanced performance and responsiveness.
 - Designed a responsive website with dark and light themes, incorporating features such as email confirmation.
- **ShopSphere(E-Commerce Website with Multiple Categories) - Full Stack:**
 - Architected a full-stack e-commerce website using Django, React, and Redux, creating 15 RESTful APIs and over 30 React components to enhance modularity and maintainability.
 - Engineered RESTful APIs with Django to improve data exchange, resulting in a 30% improvement in data retrieval speed.
 - Devised a product management system, reducing management time by 25%.

TECHNICAL SKILLS

- **Frameworks/Libraries/Dev Skills:** Angular, React, NextJS, Django, Pyramid, Flask
- **Certifications:** Microsoft Technology Associate in Python
- **Languages:** C, C++, Python, HTML, CSS, JavaScript, TypeScript, PHP, Node.js
- **Database Management Systems:** MySQL, MongoDB, Postgres
- **Operating Systems:** UNIX, Linux, Windows
- **Version Control Tools:** Git, GitHub, GitLab, Bitbucket