

## EDUCATION

### Drexel University

Philadelphia, PA

Master of Science in Software Engineering

September 2023 – Present

- Awarded Dean's Fellowship for outstanding academics GPA: 3.8/4.0
- Course Works – Software Design & Architecture, Software Reliability & Testing, Requirement Eng

### Sona College of Technology

Salem, India

Bachelor of Technology in Information Technology

Graduated: June 2022

- Final year project: Digital currency on Ethereum with Blockchain Technology CGPA of 8.3/10
- Course Works – Advanced Data Structures, Cloud Computing, Data Mining, Mobile App Development

## TECHNICAL SKILLS

- **Programming Languages & Databases:** *Java, Python, JavaScript, Solidity, HTML5, CSS3, MySQL, SQL, PHP.*
- **Frameworks & Libraries:** *React, Node.js, Junit5, TDD, Machine learning, IIm.*
- **Tools & Platforms:** *Git, Android Studio, Jira, Microsoft Project*
- **Project Management:** *Agile (Scrum & Kanban), Waterfall.*
- **Certifications InProgress:** *Certified Associate Project Management, AWS Cloud Practitioner (Anticipated Aug 2024).*
- **Certified in 2024:** *Project Coordinator PMI, Google Agile PM, SQL, React. Data Landscape of GenAI.*

## EXPERIENCE

### Web Design Intern

Mar 2020 - Jul 2020

Intel lint Technology LLP

Chennai, India

- Led a team of 5 in designing a responsive restaurant web page using HTML, CSS and JavaScript.
- Increased user engagement by 30% through intuitive design and user-friendly interface.
- Enacted PHP for secure login features, enhancing online presence and customer trust.
- Presented project demos via Microsoft Teams and PowerPoint, effectively engaging stakeholders.
- Optimized restaurant location management using PHP & MySQL, improving operational efficiency by 25%.
- Coordinated project tasks and timelines, ensuring successful completion within deadlines.

## PROJECTS

- **Face Mask Detection System Based on Python** [Project Link](#) May 2024 – Jun 2024
  - Implemented deep-learning method based on ResNet50 for accurate detection of individuals not wearing masks in public spaces.
  - The residual connections help capture detailed information in depth, enabling accurate recognition of face masks in a crowd.
- **Project Management – Fiction Sneaker Company** [Project Link](#) Mar 2024- May 2024
  - Directed a team of 5 in developing project proposals and WBS using Microsoft Project.
  - Boosted sales by 25% with strategic milestone and sprint planning, utilizing Waterfall & Agile methodologies.
- **Chess Board Move Validation Based on Java** [Project Link](#) Jan 2024 – Mar 2024
  - Built a Java project to validate chess moves, achieving 94% accuracy.
  - Utilized JUnit5 for test case development and applied TDD for robust software testing.
- **Ethereum Token Development** [Project Link](#) May 2022- Jun 2022
  - Created and deployed a Solidity-based token on the Ethereum blockchain, achieving a 95% success rate on the Rinkeby Network.
  - Reduced security vulnerabilities by 60% through MetaMask wallet integration.
- **Smart Car Parking Application Based on Java and PHP** [Project Link](#) Jun 2021 – Jul 2021
  - Designed and implemented a smart parking system using Java, reducing search time by 60%.
  - Expanded reservation efficiency by 70% through online booking functionality.