

# Mani Sreekar Palakurthy

Front-End Software Development Engineer

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**📍** Location: Tempe, AZ

## EDUCATION

- Arizona State University, Tempe** Arizona, United States  
*Master of Computer Science; CGPA: 4/4* Aug 2022 - May 2024  
*Main Courses: Foundations of Algorithms, Mobile Computing, Data Mining, Applications of Blockchain, Data Processing at Scale*
- CVR College of Engineering, Hyderabad** Telangana, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 9.55/10* Aug 2017 - Jul 2021  
*Main Courses: Design and Algorithm Analysis, Operating Systems, Data Structures, Web Technologies, Software Engineering, DBMS*

## EXPERIENCE

- Arizona State University** Arizona, United States  
**Technology Consultant - Software Engineer - Enterprise Technology** Dec 2022 - Present
- Spearheaded the UX/UI design and web application development of an asset usage platform and ticket management website using **Agile Methodologies, React, and Redux**.
  - Engineered **scalable microservices** using **Spring Boot**, enabling robust functionality for websites and laying the groundwork for seamless future integrations.
  - Managed and played a key role in system maintenance, troubleshooting and identifying root causes, reducing production issues by 36%.

- Synchrony Financial** Hyderabad, India  
**Senior Analyst - True Name Acquisition Fraud Strategy Developer** Jun 2021 - May 2022
- Designed strategies using **Decision Trees** to capture true name frauds, achieving a 20% reduction in such incidents for health and wellness clients, preventing nearly 50 incidents per client.
  - Reduced customer queuing by 9% and prevented \$400,000 in losses through **data-driven analysis** and fraud prevention strategies.
  - Played a main role in **transition** from Excel to Tableau for portfolio monitoring **automation**, enhancing decision-making speed by saving nearly 10 hours weekly.

- Synchrony Financial** Hyderabad, India  
**Analytics Intern - Collections Business Intelligence** Oct 2020 - May 2021
- Built **Tableau** dashboards and improvised SQL data processing methods, increasing efficiency by 27%.
  - Conducted ad hoc analyses with SQL queries for immediate business needs, resulting in a 10% increase in team efficiency.
  - Introduced an admin job checking dashboard using SQL-remodeled data, identifying and resolving 25% more problematic jobs.

## SKILLS SUMMARY

- Programming:** JAVA, C, Python, SQL, SAS
- Frontend Technologies:** React, Redux, HTML5, CSS3, Bootstrap, Tailwind CSS, TypeScript, JavaScript
- Backend Technologies:** Node.js, Next.js, Express.js, Spring Boot, Maven, REST, JWT
- Databases:** MySQL, PostgreSQL, Oracle, MongoDB
- Tools:** GIT, Android Studio, JIRA, AWS EC2, Tableau, Eclipse, Jenkins, Docker, Visual Studio, Postman, Office 365, Excel

## PROJECTS

### 'I-Split': A Web Application for Splitting Invoice Items (Mar 2024 - Present):

"I-Split," A web application designed that simplified the process of dividing invoice items among group members, offering a seamless experience for item selection and precise determination of each member's share of the total cost.

**Technology Stack - Next.js, Tailwind CSS, PostgreSQL**

### 'ProShop': eCommerce Platform Development (Nov 2023 - Mar 2024):

A eCommerce platform built focusing on a seamless shopping experience. Developed features like a full-featured shopping cart, product reviews, search, and admin management tools for products and orders. Integrated secure payment.

**Technology Stack - MERN, Redux Toolkit, JWT, Heroku**

### 'Corona Virus Tracker': A Java Spring Boot Framework application (Mar 2021):

Created a dashboard to track reported data of confirmed Coronavirus infections COVID-19 (2019-nCoV) around the world.

**Technology Stack - Spring Boot, Maven, Bootstrap**

## CERTIFICATIONS

- Secured Intermediate Coder Certificate by HackerRank [!\[\]\(fc5de26bc3c421a729ce6cbad0a9ee4e\_img.jpg\)](#)
- React- The Complete Guide by Udemy
- Programming in Java & Python by NPTEL Certification
- Database Programming with SQL by ORACLE ACADEMY