


# Mani Sreekar Palakurthy

Computer Science Major

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## 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 - July 2021  
*Main Courses:* Design and Algorithm Analysis, Operating Systems, Data Structures, Web Technologies, Software Engineering, DBMS

## EXPERIENCE

- Synchrony Financial** Hyderabad, India  
*Senior Data Analyst - True Name Acquisition Fraud Strategy Developer* June 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, effectively 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.
  - Pioneered the **transition** from Excel to Tableau for portfolio monitoring **automation**, enhancing decision-making speed by 17
- Synchrony Financial** Hyderabad, India  
*Software Analytics Intern - Collections Business Intelligence* Oct 2020 - May 2021
- Built **Tableau** dashboards for incoming tickets and leveraged **SQL** for data handling.
  - Analyzed and improvised SQL data processing methods, increasing efficiency by 25%.
  - Developed a **MERN (MongoDB, Express.js, React.js, Node.js) Stack** website for efficient Tableau dashboards management, which resulted in a 15% increase in productivity.
  - Incorporated dashboards into the website for improved filtration and archival, enhancing ticket resolution accuracy by 34%.

## 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 (2024):**
  - "I-Split," A web application designed to facilitate the splitting of items in uploaded invoice among group members.
  - It enables each member to select their items from a shared invoice, and it calculates each person's share of the total cost.
  - Technology Stack** - Next.js, Tailwind CSS, PostgreSQL
- 'ProShop': eCommerce Platform Development (2023 - 2024):**
  - A dynamic 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.
  - Technology Stack** - MERN, Redux Toolkit, JWT, Heroku
- 'Corona Virus Tracker': A Java Spring Boot application (2020):**
  - Created a dashboard to track reported data of confirmed Coronavirus infections COVID-19 (2019-nCoV) around the world. Used dependencies thymeleaf, Spring Web.
  - Technology Stack** - Spring Boot, Maven, Bootstrap

## CERTIFICATIONS

- Intermediate Problem-Solving Certificate by HackerRank (2020) 
- Programming in Java & Python by NPTEL Certification (2019 & 2020)
- Database Programming with SQL by ORACLE ACADEMY (2019)
- React- The Complete Guide by Udemy (2020)
- Attended Full Stack Development Boot-camp by Virtusa (2021).
- Neural Networks and Deep Learning by deeplearning.ai and offered through Coursera (2020) 