Mani Sreekar Palakurthy
Computer Science Major

 Linkedin: linkedin.com/in/mani-sreekar-p
 Github: github.com/manisreekar

 Email: mpalaku1@asu.edu
 Mobile: +1(480)-430-9378

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

Arizona State University — Arizona, United States
Technology Consultant - *Enterprise Technology - Classroom Support (Part-time)* — *Dec 2022 - Present*
- Spearheaded the design and implementation of asset usage platform and ticket management website using **React** and Redux for state management.
- Engineered **scalable microservices** using **Spring Boot**, enabling robust functionality for multiple websites and laying the groundwork for seamless future integrations.
- Played a key role in system maintenance and troubleshooting, reducing production issues by 36%.

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 saving nearly 10 hours weekly.

Synchrony Financial — Hyderabad, India
Software Analytics Intern - *Collections Business Intelligence* — *Oct 2020 - May 2021*
- Built **Tableau** dashboards and improvised SQL data processing methods, increasing efficiency by 27%.
- Developed a **MERN Stack** website for efficient Tableau dashboards management, which resulted increase in productivity.
- Incorporated dashboards into the website for improved filtration and archival, enhancing ticket resolution accuracy by 14%.

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. Integrated secure payment.

  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 thymelead , 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)