Manasa Hari

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PROFESSIONAL SUMMARY

Currently pursuing MS Software Engineering, with over **5 years of experience** in the software industry as a **full stack developer** and a **solution architect**, I am passionate to design and build efficient software solutions for tomorrow's world by leveraging my expertise in strong technical and problem-solving skills.

EDUCATION

San Jose State University, California, USA   *August 2019 – Expected Graduation December 2020*
Master of Science in Software Engineering
- Courses: Enterprise Distributed Systems, Enterprise Systems Design, Data Structures and Algorithms, Machine Learning.

Jawaharlal Nehru Technological University, Kakinada, India   *October 2008 – April 2012*
Bachelor of Technology in Electronics and Computer Engineering (Top 3 percentile of the department)

TECHNICAL SKILLS

Programming languages: Java, JavaScript, C, C++, Python, Ruby, Scala.
Web technologies: HTML5, CSS3, PHP, JavaScript, jQuery, AngularJS, Node.js, React.js, AJAX, RESTful web services, SOAP web services.
Frameworks and Utilities: Ruby on Rails, Spring, Struts 1.2, git, Docker, Apache Kafka, Kubernetes.
Mobile app development: iOS in Obj-C, Android NDK, Android Studio, IBM MobileFirst Platform, Ionic, Cordova.
Databases: MongoDB, SQLServer, Oracle PL/SQL.
Operating systems: Unix, Linux, Windows, macOS.

PROJECTS

- **Run4It: Won 2nd place** out of 600+ participants in annual **DeveloperWeek 2020 Hackathon.** Developed a web and mobile app that gives "frequent runner miles" points which can be used for discounts and prizes. (React.js, Node.js, MongoDB, REST API, iOS in Obj-C, Android Studio, Here Maps API)
- **HackAGame: Facebook SF Hackathon 2019** (https://github.com/harimanasa/HackAGame-Bot-based-Multiplayer-Game): Developed a multiplayer game with a Quiz bot on Facebook Messenger Chat. (NodeJS, bot, webhook, express, ngrok, Facebook messenger API)
- **Food Conservation Application**: (https://github.com/harimanasa/Food-Conservation-Project/): Built a web application that enables food distribution from donors to homeless people in California. Donors donate excess food, Recipients request donated food, Volunteers fulfill the food requests. (ReactJS, MongoDB, Express, Node.js, REST API)
- **Blockchain based Decentralized Voting Application:** (https://github.com/harimanasa/DeCent-Vote): Built a voting application that ensures high data integrity and prevents fraudulent voting. (Hyperledger Fabric v1.4.3, Vue.js, Node.js, React.js, MongoDB)

WORK EXPERIENCE

Title: Instructional Student Assistant | **San Jose State University, California, USA**   *August 2019 – Present*
- Developed Python scripts to automate grading of 60 students' homework for course CMPE 180A: Algorithms & Data Structures.

Title: IT Analyst | **Celcom, Kuala Lumpur, Malaysia**   *September 2015–July 2018*
- **Celcom Dealer Hierarchy Dashboard**: Led a team of 5 members to build a dynamic web application which reports the detailed performance statistics of all telecom dealers and retail stores (Java Spring 3.x, Hibernate, ICE Faces, Prime Faces, PL/SQL, LDAP, Apache CXF web services)
- **Business Support Systems (BSS) Reporting Tool:** Led multiple teams' integration to build an end-to-end high-performance web application that generates daily reports from all the BSS systems. (Play framework 2.7.0, Scala, PL/SQL, SMTP)
- **Centouch and Online Customer Service Portals** (https://www.celcom.com.my/): Built two E-commerce portals. Used Oracle RODOD Reference Solution. (Oracle ATG, Oracle WebCenter Portal (WCP), Restful API, Servlet and JSP, JDeveloper)
- **Kings Club and Zoom Hub** (https://zoomhub.celcom.com.my/Celcom/): Built a web application that automatically awards incentives to telecom dealers based on their daily performance.
- **XPAX Mobile App** (https://play.google.com/store/apps/details?id=com.celcom.mycelcom): Developed an online customer care and mobile prepaid app for the end-users to lodge complaints, track the ticket status and get them resolved.

Title: System Engineer | **Tata Teleservices, Hyderabad, India**   *May 2013 – April 2015*
- **IT Service Management Enabler** (https://itsme.tatatel.co.in/ITSME/): Developed an ITIL V3 based web application to enable complete IT service management. (Struts 1.2, jQuery, PL/SQL, Eclipse for J2EE, JDeveloper, RESTful web services)

AWARDS

7 times winner of Continuous Learning Program Faculty award, 2 On the Spot Awards, Patron of the Information Resource Centre, Service Commitment Award, Special Initiative award, Winner - Humorous Speech Contest in Toast Masters International.