**VARUN POTLACHERUVU**

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*Creative and passionate team player with hands-on experience in Agile/SCRUM and UI/UX design, looking to work in a challenging environment as a Business Analyst/Product Owner*

**PROFESSIONAL SUMMARY**

* Hands-on working knowledge of SDLC and methodologies such as Agile/SCRUM and Kanban
* Expertise in defining user stories and acceptance criteria in line with the INVEST model
* Ability to monitor and track project progress through sprint task sheets and burndown charts
* Displayed a keen eye in analysing and gathering project requirements
* Worked as a PO to manage, groom, and prioritize the feature/product backlog
* Designed wireframes based on Human Computer Interaction principles
* Oversaw testing process using TDD to create basic test-case scenarios and participate in test-case reviews
* Proactive in taking up leadership roles to successfully deliver products
* Team player and self-starter, ready to take up challenges and work collaboratively with project stakeholders
* Good problem-solving skills with a short learning curve to quickly understand and adapt to the project needs

**ACADEMIC PROJECTS**

***- Master’s Program at San Jose State University***

**Product Lead | Air Quality and Forecasting Website using IoT (01/2021) – Present**

**Final Master’s Project:** To develop an air quality and forecasting website using Raspberry Pi and sensors to predict upcoming abnormalities based on data collected

**Product Owner | Electronic Voting using Blockchain (08/2020) – (12/2020)**

* Developed user stories and defined acceptance criteria based on gathered requirements
* Designed wireframes and developed the frontend module for the website
* Surveyed users on their feedback in regards to website functionality and alternative voting methods
* Manged the timeline of the project using sprint goals
* Conducted weekly stand-up meetings to discuss goals for the week and any blockers

**Product Owner | Car Rental Website using MERN (01/2020) – (05/2020)**

* Successfully released product in 2 months over eight 1-week sprints using Agile and SCRUM
* Maintained product backlog and prioritized features in line with project timelines
* Defined and accepted user stories based off team brainstorming sessions prior to start of the project
* Kept sprint task sheet updated and periodically reviewed the burndown chart to ensure the progress of the project was on track
* Worked on the frontend admin module, writing code for managing users and car information

**Product Designer | Redesigning Handshake using Adobe XD (08/2019) – (12/2019)**

* Scheduled a 1-month release of the product with four 1-week sprints after a month of user research studies
* Constructed a list of design principles to be followed during design
* Performed detailed analysis of product and gathered requirements for development
* Worked with a team member to create wireframes from scratch
* Conducted usability testing for various tasks for validation

**Product Lead & QA Tester | Testing Currency Reader Application (01/2019) – (05/2019)**

* Issued all test requirements to ensure clarity on features to be tested by priority and functionality
* Created functional test cases to cover all possible scenarios
* Executed testing for AI and non-AI features and reported summary of bug details
* Utilized decision tables and equivalence partition to evaluate test cases for pass/fail outcome
* Generated statistical reports using Excel to illustrate team performance

**EDUCATION**

**M.S. in Software Engineering | San Jose State University (01/2019) – Exp Grad: (08/2021)**

**B.S. in Computer Science | Osmania University, India (08/2014) – (07/2018)**

**CERTIFICATIONS**

**Certified Scrum Product Owner | Scrum Alliance (07/2019) – (07/2021)**

**EXTRACURRICULAR ACTIVITIES**

* Worked as a blog writer for various soccer websites
* Participated in a NASA Space Settlement Competition (Asia Regionals) and placed 3rd
* Played in numerous basketball tournaments held across India

**PERSONAL DETAILS**

* U.S. Citizen