Mark Kenneth Ranosa

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Work Experience

Software Engineer, Formative (Acquired May 2023)
Feb 2021 – June 2025 (4.4 years) | Remote
- Consistently took on and delivered time constrained high value features, resulting in closing approx > 1 million of dollars worth of deals.
- Technologies used: Typescript, Node, React, MongoDB, GraphQL, Git

Senior Software Engineer, PearlPay
Nov 2019 – Sep 2020 (11 months) | Office Based
- Optimized existing backend team process by integrating localstack which reduced integration test time from hours to seconds.
- Built, rolled out and evangelized an internal code generation tool using yeoman, which was adopted by 8 engineers. The tool reduced local microservice creation time from 2 weeks to 1 min. Redundant coding and wiring processes were also eliminated resulting in a more effective and efficient workflow.
- Researched and introduced an employee and management performance criteria which became the standard for company wide quarterly evaluation.
- Introduced a merit system to measure engineer productivity via commit history.
- Technologies used: Python, Java, Javascript, NodeJS, AngularJS, Spring, Django, MySql, AWS Serverless, PyTest, Yeoman, Git

Founder, SignZen
Jul 2019 – Nov 2019 (4 months) | Office Based
- Evangelized the vision to family, friends and strangers. Resulting in a 3 months fulltime fund, in debt and in kind. A mid level software engineer also volunteered to work part time for the whole duration. And two advertising industry experts also joined the founding team.
- Gained two prospective clients after two weeks of validation. MVP was supposed to be rolled out to future 16,000 in-transit and 100 indoor digital screens. Sadly the founders' strategy and vision did not align.
- Technologies used: Javascript, Python, NodeJS, React, Firebase, Heroku, Git, Bitbucket, Tensorflow, Keras, Pytorch, VLC

Software Engineer in Test, Branded Entertainment Network
Apr 2016 – Jun 2019 (3.25 years) | Remote
- Refactored and optimized existing end user tests which resulted in 600% speed improvement during runtime.
- Improved manual QA's team workflow by automating existing manual data preparation for regression testing. Regression testing setup time was reduced from 2 days to 3 minutes.
- Built an internal API test framework using NodeJS and Chakram.
- Built an internal service to capture user's youtube real-time experience via NodeJS, Puppeteer, FFMpeg and XVFB.
- Technologies used: Javascript, NodeJS, Protractor, Webdriver IO, Jasmine, Mocha, Chakram, MongoDB, Git, XVFB, FFM Git

Software Engineer in Test, InnoVint
Jan 2015 – Mar 2016 (1.3 years) | Remote
- Technologies used: Javascript, NodeJS, Protractor, AngularJS, Git

Senior Software Engineer, Black Marlin Data Corp
Apr 2012 – Mar 2014 (2 years) | Office Based
- Technologies used: Java, Javascript, AngularJS, Sencha Touch, Spring, Hibernate, Selenium, Git, Maven, Subversion

Software Engineer, Zappli
Mar 2011 – Apr 2012 (1.2 years) | Remote
- Technologies used: Java, Javascript, Spring, MySQL, Git

Software Engineer, Fabulous Apps LLC
May 2009 – Mar 2011 (2 years) | Remote
- Technologies used: Java, Javascript, Spring, jQuery, AngularJS, Maven, MySQL, Scriptaculous, App Engine, Big Table, Git

Junior Software Engineer, Orange and Bronze Software Labs.
Mar 2009 – Jun 2010 (1.3 years) | Office Based
- Technologies used: Java, JS, Spring, Struts, MySQL, Oracle, Git

Skills

Languages
- Javascript, Java, Python, Scala, Typescript

Databases
- Firebase, MySQL, SQLite, MongoDB, HDF5

Technologies & Frameworks
- NodeJS, AngularJS, ReactJS, Spring, GraphQL, Django, Protractor, Webdriver IO, Git, Puppeteer, Jasmine, Mocha, PyTest, Yeoman, XVFB, FFMpeg, VLC

Pet Projects

KyoZen - *Web*
- Party Matching Platform for E-Sports
- Technologies used: NodeJS, React, Firebase, Heroku, Git, Bitbucket

SignZen - *Web / IoT*
- Pay per Unique Gaze - Advertising Platform
- Technologies used: Python, NodeJS, React, Firebase, Heroku, Git, Bitbucket, HDF5, PyInstaller, Tensorflow, Keras, Pytorch, VLC

PageBoy - *Web*
- Web and mobile platform for brick and mortar stores to easily accept orders from nearby buyers
- Technologies used: NodeJS, AngularJS, Firebase, Bootstrap, Yeoman, Bower, Grunt, Heroku, Git, Bitbucket

Trankeelo - *Web / Mobile*
- Web and mobile sales and inventory software for small and medium business
- Technologies used: NodeJS, AngularJS, Firebase, Bootstrap, Yeoman, Bower, Grunt, Elasticsearch, Heroku, Git, Bitbucket

Frizzle - *Web*
- Room centric dating platform for single professionals
- Technologies used: Scala, Javascript, Play, AngularJS, Firebase, Neo4J, Bootstrap, Yeoman, Bower, Grunt, Heroku, Git, Bitbucket

Education

Bachelor of Science in Information Technology (March 2010)
AMA Computer College
Legazpi City, Albay, Bicol, Philippines