

FULL STACK DEVELOPER

Ash Dela Cruz

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EXPERIENCE

IT DEVELOPER II, POS PAYMENTS AND FULFILLMENTS TEAM, FLOOR & DECOR — 2019 - PRESENT

- Order Management Web/Mobile Application

- Co-developed rewrite of entire application to a modern codebase - reducing the team's volume of support tickets by 50% and ensuring long term support and scalability
- Evangelized the practice of CI/CD in the department by successfully implementing the first CI/CD application - facilitating increased sprint velocity and developer capacity for multiple IT teams
- Discovered missing requirement preventing sunset of legacy system - designed and developed iOS runtime for web app in 3 weeks to unblock migration and meet timelines
- Streamlined application workflow by introducing ability to search for orders across all stores - minimized impact to performance using infinite-scroll and enhanced UX using ADA compliant UI changes
- Resolved critical production outage and mitigated loss in sales revenue by quickly analyzing and repairing Elasticsearch instance - implemented pagination to optimize ES performance and prevent future outages

- Monolithic Point-of-Sale Application

- Lead project to develop and deploy Driver's License scanning, resulting in an 80% decrease in fraudulent credit transactions company-wide - created SOX/PCI compliant feature using JavaPOS standard, and software installers using NSIS scripts
- Piloted DL scanning feature in the field, oversaw software deployment and hardware upgrade of 1,400 scan guns across more than 200 stores in collaboration with engineering team - created KB documentation in collaboration with support team

- Product Lookup Web/Mobile Application

- Coordinated application restructuring project to migrate features from 4 applications into a single platform - leveraged modern APIs to consolidate end-to-end service processes and maximize app performance
- Managed restoration of forgotten Price Scanner project to meet state guidelines and avoid legal penalties

PROJECTS

- Personal Website

- Full stack application using Angular frontend, SpringBoot backend, MongoDB, and Docker compose for running the containerized projects; hosted at-home on a Raspberry Pi 4 Model B
- Implements JWT sessions, Spring Security, SSL enabled custom nginx config, and Gmail SMTP

- Wireless LED Display

- Built an Airplay 2 enabled, iOS-controllable music interface display using soldered components and a Raspberry Pi 4 Model B running shairport-sync, MQTT broker, and flaschen-taschen servers

HARD SKILLS

Typescript, Angular, HTML, CSS, Docker, Nginx, NPM, Capacitor, Elasticsearch, Karma/Jasmine, JWT
Java, SpringBoot, CLI, Linux, REST, SQL, Git, Postman, Springboot, Debugging, Troubleshooting, MongoDB

EDUCATION

Kennesaw State University — B.S. Computer Science, 2017