

Andre Pan

Pleasanton, CA | andre.pan.coding@gmail.com | [linkedin.com/in/pan-andre](https://www.linkedin.com/in/pan-andre) | <https://github.com/andre-pan>

Technical Skills

Languages: Java, Python, JavaScript, C#, C++, SQL, HTML, CSS

Technologies: React, jQuery, REST APIs

Tools & Methodologies: Git, Jira, Confluence, VSCode/IDE, Agile/Scrum, Swagger, Cursor, Automation Testing

Experience

WORKDAY Pleasanton, CA

Software Development Engineer | October 2021 – Present

- Delivered high-value enterprise-performant Workday Time Management features using Workday's object oriented Java-based language (XO), including Predictive Scheduling, enhancements to the calculation engine allowing for Time Offs crossing week breakers, and dynamic period scheduling for run time calculations.
- Ownership of end-to-end enterprise production customer issues, involving triage, root-cause analysis, and fix. Issues include high urgency blockers requiring immediate resolutions and long-term fixes.
- Greatly improved customer stability, successfully reducing the product org's open critical bug count by more than 90% to an all-time low of 2 items, sustained by implementing process accelerations.
- Implemented automated testing suites, reducing manual regression testing overhead and accelerating the deployment of patches. Led team through adoption of company-wide automation-first initiative, saving days of QA resources and deployment time per applicable issue.
- Empowered the team by onboarding and mentoring new developers (including a recorded knowledge transfer session which serves as our production support team's main guide for triaging issues), and serving as team agility advocate.
- Leveraged AI-assisted coding agent (Cursor, Gemini) to accelerate development and day-to-day tasks

KYOCERA San Jose, CA

Software Engineer | March 2019 – October 2021

- Developed and launched multiple high-impact features for a flagship Enterprise Content Management (ECM) solution, including a high-performance search function for stored files, automated content metadata tagging, and a robust file version history tracking system. (both Java and React)
- Integrated Keycloak Access Management to secure the platform, implementing robust user management workflows, role-based access control (RBAC), and single sign-on (SSO) capabilities.
- Built responsive user interfaces using React and designed scalable Java-based backend RESTful APIs, utilizing Swagger for interactive documentation and API lifecycle management.
- Drove application performance optimizations to improve data retrieval speeds; authored technical documentation on Confluence for both internal reference and external customer deployment guides.
- Maintained high velocity in an Agile environment, leveraging Git for version control and Jira for sprint tracking and cross-functional task management.

Projects

- (Cursor, Gemini, Python, LangGraph) preliminary research agent project. Uses LLM's and search APIs to evaluate prompt queries and return data
 - (MongoDB, Express, Angular, Node.js) to visualize real-time computer availability in university labs, implementing testing via Mocha to ensure high system reliability.
-

Education

UNIVERSITY OF CALIFORNIA, SAN DIEGO La Jolla, CA

Bachelor of Science in Mathematics-Computer Science | 2018