

# Tzu Hua (Matt) Yang

Frisco, TX · (713) 775-3353 · matteoyang.august@gmail.com · linkedin.com/in/matt-yang-august

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## SUMMARY

Senior Software Engineer with 10+ years of experience building distributed systems, developer platforms, and AI-powered engineering workflows. At JPMorganChase, led the design and adoption of an AI-assisted SDLC platform integrating Jira, Confluence, Figma, Bitbucket, Claude Code, and GitHub Copilot. Deep background in developer productivity engineering, platform tooling, TypeScript/React, Java/Spring Boot, and large-scale enterprise software delivery.

## TECHNICAL SKILLS

**Developer Productivity:** AI-assisted SDLC, agentic workflows, developer platforms, engineering automation, internal developer tooling, repository intelligence, MCP

**Distributed Systems:** system design, distributed architecture, REST API design, OpenTelemetry, Dynatrace, observability

**Languages & Frameworks:** Java, Spring Boot, TypeScript, React, JavaScript, Node.js, C#, .NET Core, Angular

**Cloud & Infrastructure:** AWS, Docker, OpenShift, CI/CD pipelines, Azure DevOps, Git, Bitbucket

## WORK EXPERIENCE

### JPMorganChase — Software Engineer (Full-Stack)

Aug 2024 – Present · Plano, TX

- Designed and built an AI-assisted SDLC orchestration platform that orchestrates specification generation, multi-repo implementation, validation, audit documentation, and pull-request delivery — reducing active engineering effort by approximately 70–80% across multiple pilot projects; adopted or piloted by ~50 engineers across 10+ repositories.
- Presented platform architecture to ~400 attendees at a company-wide AI Tech meeting; served as technical SME for AI-assisted workflow adoption, advising five engineering teams on implementation strategy and driving organization-wide visibility.
- Built a repository intelligence and knowledge-base platform that indexes multi-repository codebases, generates searchable engineering knowledge, and classifies user feedback — currently powering a production free-text feedback classification workflow for a product team.
- Served as module lead in a large-scale Angular-to-React migration of an enterprise platform supporting millions of records — coordinating 3 engineers across task assignment and delivery tracking, achieving 90%+ unit test coverage and 95% smoke-test pass rate.

### Micron Technology — Software Engineer

Jun 2020 – May 2024 · United States

- Led architecture and end-to-end delivery of distributed enterprise systems hosted on OpenShift, boosting operational efficiency by 50% and eliminating thousands of annual labor hours.
- Engineered API gateway migration across 90+ global projects using .NET Core; managed Azure DevOps CI/CD release pipelines and OpenShift deployment workflows across distributed systems.

### Earlier Experience

Nov 2014 – Jan 2020 · Taiwan

- Freelance (2017–2020): Built full-lifecycle business systems using Java Spring Boot, Node.js, and AWS; designed a reusable Spring application foundation that reduced repeated implementation effort by 90%+.
- Uniong Technology (2014–2017): Led a 2-person team to deliver a complex enterprise Java project on deadline; mentored engineers through pair programming and refactored report generation logic, improving delivery time by 90%+.

## EDUCATION & CERTIFICATIONS

M.S. Computer Science — University of Idaho

B.S. Computer Science — Feng Chia University

Oracle Certified Associate (OCA)