Latrell J. Price

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EDUCATION

- **University of Memphis** — Memphis, TN
  Bachelor of Science in Computer Science; GPA: 3.4 — *Aug 2021 – Dec 2025*

EXPERIENCE

- **Student-Led Prayer (K–12) — Mobile App** — Memphis, TN
  Team Manager / Software Engineer (Agile) — *Aug 2025 – Present*
  - **Lead**: Manage a cross-functional team of 4 using Scrum/Kanban (biweekly sprints, stand-ups, grooming, retros) with roadmap ownership and WIP limits.
  - **Stakeholders**: Own client communication, convert goals into user stories & acceptance criteria, and track delivery with Jira/Trello and release notes.
  - **Frontend**: Ship React Native (Expo Router, TypeScript) flows for auth/profile/setup; optimize FlatList and error boundaries for reliability.
  - **Backend**: Design Firestore schema (collections, indexes), implement Firebase Auth, Cloud Storage, and security rules (RBAC, least privilege).
  - **Platform**: Set up CI/CD for Expo builds (GitHub Actions); enforce PR reviews, branch protection, linting, and unit tests on critical paths.
  - **Reliability**: Add structured logging, analytics, and basic crash monitoring; practice idempotent writes and retry/backoff for flaky I/O.
  - **Compliance**: Consider COPPA/FERPA constraints for K–12: parental consent paths, PII minimization, encrypted transit/storage.

- **FedEx** — Memphis, TN
  Package Handler (Operations) — *July 2021 – Present*
  - **Throughput**: Processed packages with scanners.
  - **Quality & Safety**: Maintained *0* safety incidents over *36* months; followed OSHA guidelines and load sequencing to prevent damage.

PROJECTS

- **Ecommerce Website (MVC)** — University of Memphis
  Ruby on Rails • MVC • PostgreSQL • HTML/CSS/JavaScript • UML — *Feb 2025 - May 2025*
  - **Scope**: Delivered an end-to-end Accessories feature using Rails **models**, **controllers**, **views** with RESTful routes and validations.
  - **Process**: Authored user stories and UML (use case, class, sequence) to drive sprint planning and acceptance criteria.
  - **Frontend**: Built dynamic JavaScript for interactivity; implemented responsive SCSS; added accessibility checks.
  - **Ops**: Ran DB migrations, seeds, and environment configs; used GitHub PR reviews and basic CI checks.
- **YouTube Client & Downloader** — Personal
  Python • FastAPI (modular monolith) • Caching • DI • React Native • Dropbox API — *Jul 2025 - Present*
  - **Architecture**: Structured a **modular monolith**: layered services, **dependency injection**, reusable routers, background workers.
  - **Performance**: Implemented **caching** for search/results; added idempotent endpoints with retries/backoff; queued jobs for throughput.
  - **Frontend**: Built a React Native client with virtualized lists, resilient loading/error states, and progress streaming (SSE).
  - **Automation**: Integrated OAuth + Dropbox API to auto-sync completed downloads; added token refresh and error handling.

SKILLS

- **Languages:** Python, JavaScript/TypeScript, Ruby, SQL, C/C++, C#, Bash

- **Frameworks/Tools:** React/React Native (Expo), Ruby on Rails, FastAPI, Node.js, .NET (ASP.NET Core)

- **Data/Infra:** PostgreSQL, SQLite, MongoDB, SQL Server, Redis, Docker, Kubernetes (basics), Nginx

- **Messaging/Streaming:** Kafka (concepts), RabbitMQ (basics), webhooks, SSE

- **Cloud/DevOps:** AWS (S3, IAM), Azure (DevOps/GitHub Actions), CI/CD (GitHub Actions, Jenkins), Terraform (basics)

- **Observability/Sec:** OpenTelemetry (concepts), Splunk/Datadog (basics), structured logging, RBAC, OAuth2/OIDC, SSO (Okta)

- **Concepts:** Modular monoliths & microservices, REST & versioning, idempotency, retries/backoff, E2E testing, compliance (COPPA/FERPA), PII handling

Leadership & Activities

- Led client-facing meetings for capstone; mentored peers on Expo Router auth flows & Firestore security rules.