AMEYA KULKARNI

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Software developer and UofT Master of Information student experienced in Kotlin, Java, TypeScript and Python, with hands-on work in application architecture, protocol design and debugging.

EDUCATION

University of Toronto 2026 - May 2028 (expected)
Master of Information | Concentration in Information Systems and Design

SIES Graduate School of Technology, Mumbai 2021 - 2025
Bachelor of Engineering, Electronics and Computer Science | CGPA: 8.73/10

SKILLS

Programming and data: Kotlin, Java, Python, TypeScript, JavaScript, SQL, Bash; C/C++ (coursework); SQLite, Firebase/Firestore; data analysis, machine learning fundamentals, LLMs, LangChain.
Engineering and tools: Jetpack Compose, MVVM, ViewModel, Coroutines/Flow, dependency injection (Hilt, Dagger); Node.js, REST APIs, protocol design, Protocol Buffers, VS Code Extension API; TCP/IP, DNS, HTTP; Git, Docker, Kubernetes, AWS S3; JUnit, unit/integration/UI/load testing, GitHub Actions; Codex, Claude Code.
Delivery and collaboration: Requirements analysis, UAT, SOPs, stakeholder coordination; Excel, PowerPoint, Google Workspace.

EXPERIENCE

Business Transformation Intern | Edelweiss EAAA May 2026 - July 2026
- Wrote SOPs and a command centre whitepaper to turn operational requirements into structured workflows.
- Coordinated vendor onboarding and SAP stabilization with partners; documented UAT handoffs.

Technical Mentorship Project | Chattodo | Website Link October 2025 - March 2026
Mentor: Nirbhay Pherwani
- Developed 3 workflows (direct chats, group chats, and tasks) in Kotlin/Compose with MVVM, Hilt, and Coroutines.
- Removed a fixed 1-second delay from each message-page load and refreshed chat state after sends.
- Loaded tasks on demand in 10-record pages using Firestore cursors and Paging 3.
- Enabled direct jumps to older messages through anchor-based loading, preserving conversation context.

SELECTED PROJECTS

ShowPapers | Website Link | Make personal documents easier to find and organize
- Co-developing ShowPapers in Kotlin/Compose; integrated on-device AI and document-processing SDKs to classify scans and automatically organize documents into folders.
- Developed the .showpapers protocol for portable collection import/export, with validation and content review before import from Files or the share sheet.

LLMetrics | Github Link | Understand AI usage and spot wasted tokens
- Instrumented 4 Node.js API paths and built 6 usage anti-pattern detectors to turn LLM activity into token-usage and estimated-cost reporting inside VS Code.

Orbit Hub | Github Link | See available quota before choosing an account
- Built a storage reader that merges SQLite write-ahead log frames and decodes Protocol Buffers, exposing current quotas and reset times across accounts.

LEADERSHIP

IEEE Event Head: Hosted a webinar for 200 students. **NSS Volunteer:** Organized community events, including a blood donation camp with 250-300 donors.