CHINMAY YASHWANT PATIL

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Education

Pandit Deendayal Energy University, Gandhinagar   **Oct 2022 – May 2026**
Bachelor of Technology in Information and Communication Technology

Experience

Reliance Industries Ltd.   **May 2024 – June 2024**
Software Engineer Intern   *Jamnagar, Gujarat*

- Developed an Angular website with a user-friendly interface for managing call data from over 500,000 daily calls.
- Utilized MS SQL to identify inactive telephone periods, analyzing data from over 500,000 daily calls.
- Implemented features allowing users to select date ranges and retrieve data on inactive calls, reducing processing time by 60%.
- Enabled data export to Excel for further analysis, contributing to a cost reduction of approximately 1,500 rupees daily.
- Conducted thorough testing and ensured seamless integration with backend systems, reducing bug reports by 40%.

ElkDocs   **July 2024 – September 2024**
Android Development Intern   *Remote*

- Crafted Jetpack Compose features, reducing UI rendering time by 30%.
- Optimized UI components, improving app performance by 40% across five key screens.
- Integrated eight new APIs with the backend team, reducing data fetch times by 50%.
- Contributed to over 20 weekly code reviews, maintaining a 98% code quality score.

Namo Advisors   **Feb 2025 – Present**
Software Development Intern   *Remote*

- Converting a Swift-based iOS application to Jetpack Compose for Android.
- Ensuring UI/UX parity between SwiftUI and Jetpack Compose implementations.
- Optimizing performance and leveraging Kotlin best practices.
- Collaborating with the iOS team to align feature implementation and maintain consistency.

Projects

IPO Naut | *Kotlin, Jetpack Compose, Google Sheets, Google Apps Script*   ▶ **Play Store**   ⬛ **GitHub**

- Developed a mobile app providing IPO details in a streamlined format, including GMP, lot size, and listing dates.
- Used Google Sheets as a database backend and integrated Google Apps Script to automate updates and manage data efficiently.
- Designed a user-friendly UI with Jetpack Compose, increasing user retention and engagement.

HearSay | *(Smart India Hackathon project) Kotlin, Assembly API, OpenAI Whisper API, Indian TTS*   ⬛ **HearSay**

- Made a mobile app for real-time voice-to-text and text-to-voice translation in Indian regional languages, for hearing and speech impaired users.
- Integrated calling features with speech-to-text for incoming calls and text-to-speech for outgoing communication.
- Implemented offline functionality and privacy-focused design, ensuring usability in areas with poor connectivity.

TalkGPT | *Kotlin, Gemini API, Jetpack Compose, Git, VS Code*   ⬛ **TalkGPT**

- Constructed Q&A app with Gemini SDK, increasing user engagement by 40%.
- Incorporated memory features, improving conversation coherence by 60%.
- Enhanced response accuracy by 25% using advanced NLP techniques.

Achievements

- Published one app on the Play Store
- Google certified Google Play store lister (Jan 2025)
- HACKSQUAD:Won in global open-source competition with 2000+ teams with 21st rank (Oct 2023)
- Hacktoberfest 2023: Completed with 4+ valid pull requests (Oct 2023)

Technical Skills

Programming Languages: Java, Kotlin, Dart, JavaScript, SQL (MySQL)
Mobile App Development: Android (Jetpack Compose
Web Development: Angular, HTML, CSS, JavaScript
Developer Tools: Git, GitHub, VS Code, Android Studio
Backend Services: Retrofit, Google Sheets (API integration), Google Apps Script