DARSHAN RANDER

Software Engineer at UBS

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EDUCATION

Thadomal Shahani Engineering College   **CGPA - 8.99 | July 2019 – May 2023**
Bachelor of Engineering in Information Technology   *Mumbai, Maharashtra*

EXPERIENCE

UBS   **August 2023 – Present**
Software Developer Engineer   *Pune, Maharashtra*
- Awarded the Engineering Excellence Award for contributions to our suite of applications.
- Migrated our applications to make it compliant for on-premises servers to cloud infrastructure.
- Improved application's time to interactive score by 30% implementing code splitting and reducing bundle size.
- Built a user feedback mechanism with LLM based filtering with summarization and report generation for four level below the Board of Directors.

Stratzy   **March 2023 – July 2023**
Fullstack Developer Intern   *Thane, Maharashtra*
- Used Crash Analytics to identify and fixed crashes reducing crash rate by 50%.
- Spearheaded major refactoring in the codebase to reduce 5000+ compiler warning to 500.
- Laid ground work for multi theme support for different type of users and implemented support for light theme.
- Enabled a novel method for fund management for HNI.

UBS   **April 2022 – June 2022**
Summer Intern   *Remote*
- Developed a monitoring system to periodically check the status and logs for crash analysis.
- Reduced crash recovery and diagnostic time from over 2 hour to under 3 minutes (over 40x reduction).

Posha   **July 2021 – February 2022**
Flutter Developer Intern   *Remote*
- Developed an app for mobile and for the embedded screen on the Julia, Posha's inhouse cutting edge cooking robot.
- Worked with GraphQL for hydrating data and implemented caching layer the requests.
- Utilized Box2D Physics Engine to build gamified user on-boarding.

PROJECTS

AntiLang | Website | GitHub | *Golang, WASM*   **February 2025**
- An interpreted esoteric programming language written in Go which is compiled to run cross platforms as well as browsers using WASM.
- The idea of this language is to create a syntax which is completely different yet, very similar to C style programming languages.

Heartry | Play Store | GitHub | *Flutter, Google Drive, Android*   **January 2021 – Ongoing**
- 41k+ installs on Google Play Store only via organic reach.
- Developed an App for poets for writing and auto backup on Google Drive.
- Allows sharing content as customizable images on other social media platforms.

PicArch | GitHub | *Python, PyTorch, Postgres, pgvector*   **March 2025**
- Python based face detection and face similarity search tool.
- Integrated InsightFace for face encoding and PostgreSQL for efficient image storage and retrieval.
- Built a command-line interface for seamless image processing and data management.

TECHNICAL SKILLS

- **Languages**: Dart, Java, Kotlin, SQL, HTML, CSS, JavaScript, TypeScript, Golang
- **Technologies/Frameworks**: Flutter, Android, Angular, Node.js, React.js, Next.js

PUBLICATIONS

- **BackGen—Backend Generator.** In: Fong, S., Dey, N., Joshi, A. (eds) ICT Analysis and Applications. ICT4SD 2023. Lecture Notes in Networks and Systems, vol 782. Springer, Singapore. https://doi.org/10.1007/978-981-99-6568-7_34

CERTIFICATIONS

- AZ-900 - Azure Fundamentals by Microsoft

TALKS AND CONFERENCES

- **Building AntiLang: A language in reversed** at OTC Meetup #5 on April 2025 - blog
- **Animating Flutter Canvas** at Flutter Roadshow Mumbai on December 2024 - LinkedIn post
- **Animating Flutter Canvas** at Peerlist's April 2024 Monthly Meetup - blog
- **Dart Side Backend** at Flutter Ahmedabad on February 2023 - blog