K. EzhilKumaran

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Experience

Currently learning

- Creating AI (LLM based) chatbot apps
- Creating RAG based chatbot apps

Senior Engineer/Lead - PRENETICS   *Dec 2021 - Nov 2023*

- Responsible for developing the **Circle** mobile app.
- **Managed** the **full development cycle** from design to deployment.
- Helped **create a UI component library** for use across the organization, thereby creating consistent UX for customers & quick turn around time for new applications.
- Created a **custom plugin for Figma** to sync actual copy texts to the designs.
- Created a way for pure design related changes **(design tokens)** to sync with the code, removing the need for a dedicated developer to make design changes
- Worked on multiple **micro-services** to support the mobile app.
- **Monitoring, debugging** and providing support for the entire suite of products.
- Familiar with **RESTful API**s, have basic knowledge in **Full-stack development**. (MongoDB, Firestore, PostgreSQL, Express.js, React, Node.js)
- Led a small team of developers, **managed sprints**, **backlogs** and breaking down user stories into technical tasks.
- Plan ahead and do app releases to align with business goals.
- Manage technical debts vs adding new features by aligning with the Product teams.
- Retrospect sprints/product releases and suggested changes in processes to improve developer experience and improve time to market.

Software Engineer/Lead - PEARSON ENGLISH   *Sept 2016 - Dec 2021*

- Working in **iOS mobile app development** for 9 years, from support to developing from the scratch and leading a team of developers on projects.
- Have experience working with **hybrid app development** technologies like **React Native** (3+ years).
- Have experience in **creating solutions** by working with Product owners and Technical architects to arrive at the best and efficient ways to solve problems.
- As part of **mobile app localization**, I worked with the Product teams to get the translations done and integrated them with the app.
- Worked with the Product team in getting the transcripts of videos in order to support the **video subtitle feature** in one of our apps. **Created a transcript parser** that takes in **SRT** and **XML** (for legacy content) formats.
- Have knowledge on implementing **CI/CD** for mobile apps.

- Experience with **Agile (Scrum)** methodologies and processes.
- Have good knowledge in **Python scripting**. (Web scraping & Document editing)
- Have written a Python script to fetch the budgets for a project and add them to their Word template automatically. (Using **requests, BeautifulSoup4, pandas & docx**).
- **Self-taught UX design** concepts. Have **experience using Figma** to create responsive mobile designs.
- Have worked with **Design Systems**. Have knowledge on creating & implementing a design system from scratch.
- Have a good-eye for designs and experience in implementing **UI** for mobile.
- **Experience in hiring** the right people for the right job. Interviewed and selected a developer for the team and he proved to be a valuable asset to the team. Suggested my manager to move one of the developers into management and now he is moving up the management ranks very fast.
- Worked in Mumbai, Pune, Bangalore and currently in Chennai. Working at such different locations **exposed me to multiple languages, cultures and people** from which I have learned a lot.

Software Engineer - CAPGEMINI   *Dec 2012 - Sept 2016*

- Worked in GE internal apps. Responsible for their internal conferencing app, social networking app for GE employees and a Directory app.
- Worked in UI implementation for the banking app of Synchrony Financial.
- Worked in Payments issue fix for Mercedes-Benz Financial Services app. **Solely responsible** for communicating with the client.
- Worked on other Internal apps and PoCs for Capgemini.

Other Interests

- Part-time **professional Photographer & Youtuber**. Have good knowledge on content creation. Have created and run my own targeted ad campaigns for my youtube channel.
    - Youtube - https://www.youtube.com/c/ezhilkumaranphotography
    - Instagram - https://www.instagram.com/ezhilkumaranphotography/
    - Facebook - https://www.facebook.com/EzhilKumaranPhotography/
- Had my own **commercial photography business** (KSE Studios). I had used **Tour Creator** to create 360° tours for real estate clients. Negotiated with the client about the 360° tours and convinced him of its capabilities and value proposition.
- **Managed a team of 4** inexperienced photographers for a coverage, by assigning them well-defined tasks and responsibilities. Gave them a preview of how we were going to accomplish things as a team, so that everyone was on the same page. Intervened when things didn't go according to plan and made quick changes to get back on track.
- **Experienced with post-production tools** for Photography (Photoshop, Lightroom, Capture One) & Videography (Premiere Pro, DaVinci Resolve, Blender).
- **Familiar with VFX pipeline and workflow**. Got hired at **DNEG** as **Pipeline - Assistant Technical Director**. The offer was put on hold due to the onset of the pandemic at the start of 2020.

- I love playing Tennis and Football. Represented my university in Tennis, University South zonal tournament.
- Occasional skater, learnt to play Western classical violin

Education
- Graduated in B.Tech - Electronics & Instrumentation Engineering from Pondicherry Engineering College, Pondicherry in 2012.

I have worked on apps for various sectors and multinational clients, mostly interacting with the clients directly on a day-to-day basis, to plan, gather requirements, sort out any technical issues with my team.

Besides the programming skills, team management & leadership skills that I have acquired through the years, I have always been thinking about multiple ways of bringing technology into the day to day lives of people, so that everybody can make use of it to make their lives better.

I'm always looking forward to new challenges and creating new technologies that will help the community as a whole.