
TECHNICAL SUMMARY

- Proficient in Python, Java (Spring Boot), C/C++, Golang, TypeScript and JavaScript. Experienced with HTML, CSS, React, React Native and Next.js frameworks.
- Knowledgeable in big data libraries like Pandas and PyTorch.
- Skilled in server-side technologies such as Node.js, Express.js, Docker, AWS Lambda, SNS, Pub/Sub and GCP.
- Knowledgeable in database technologies including Redis, SQL, PostgreSQL, GraphQL, MongoDB, and DynamoDB.
- Experienced with git and CI/CD pipelines using Github, Gitlab and Bitbucket along with package managers like npm and yarn.

WORK EXPERIENCE

Full Stack Developer, Investor Web Platform

Oct 2023 - Present

Fundit Inc - New York City, New York

- Architected and launched the Fundit website from ground up, along with a robust backend restful API suite for authentication and data management using Weweb, Xano, JavaScript, MySQL, and CSS, ensuring a user-friendly and secure financial platform.
- Pioneered a conversational AI financial analyst using Next.js, Supabase and OpenAI APIs, enabling dynamic data extraction and visualization with fine control over chart configuration and code customization with seamless conversation history.

Lead Software Engineer, Analytics

July 2023 - Present

Easley-Dunn Productions Inc – Los Angeles, California

- Successfully integrated Firebase Analytics into the Robot Race mobile game using Unity and C#, meticulously documenting the process. Efficiently configured event tracking for crucial in-game actions and events.
- Utilized BigQuery, SQL, Python, and React to visualize and analyze collected statistics, providing valuable insights into player behavior, and contributing to game performance improvements.

Software Engineer 1

Sep 2020 – Jul 2021

AirAsia Technology Centre – Bangalore, India

- Redesigned the hotel cancellation pipeline using BigQuery and Google Cloud Functions, automating bulk cancellation for 800+ clients and saving **~\$500 per customer per day** in hotel reimbursements.
- Improved customer-service **turnaround time by 90%** using cloud-based functions, leading to retention of **>500 successful transactions per day** generating **\$180,000 in gross revenue annually**.
- Enhanced the booking experience for **13 million MAUs** through flexible date customization using React/React Native, Go, TypeScript and Java, resulting in a **20% increase in conversion rate**, **80% increase in engagement** and a team **revenue boost of ~\$17,000 annually**.

Associate Software Engineering Intern

Jan 2020 – Jul 2020

LogMeIn – Bangalore, India

- Designed a tool for monitoring and redirecting AWS Direct Connect traffic during AWS Health events, resulting in a reduction of time from **45 minutes to 2 minutes**.
- Developed AWS lambda functions to update database entries and SNS trigger for AWS Health, **reducing downtime by 20%** and **saving \$2,500** in costs.
- Refactored and automated the employee onboarding process using Angular and Python, reducing duration from **2 days to 30 minutes**, **saving \$1,000 per employee**, and providing managers with visibility into onboarding progress.

EDUCATION

University of Southern California – Los Angeles, CA

Aug 2021 – May 2023

M.Sc., Computer Science

P.E.S University – Bangalore, India

Aug 2016 – July 2020

B.Tech., Computer Science and Engineering

Received **Prof. C.N.R. Rao Merit Scholarship****PROJECTS**

Emulated Distributed File System (EDFS) – USC

- Developed Emulated Distributed File System (EDFS) with MySQL and Firebase, including standard DFS commands, block replication, React UI, Flask APIs, and Partition-based Map Reduce for search and analytics.

Flappy Bird

- Designed and developed a Flappy Bird game using Unity, showcasing skills in game development and Unity engine proficiency.

Swagger Library Application

- Engineered a comprehensive CRUD application for efficient library management utilizing Node.js, Express, and Swagger APIs.

Snakes and Ladders

- Built a fully functional snakes and ladders game using Flutter (Dart) for all web and mobile platforms.

Stock Trading App – USC

- Created a native iOS SwiftUI app for virtual stock trading with features like portfolio management, favorite stock tracking, real-time balance display, detailed stock info, social insights, and seamless sharing of news on Twitter/Facebook.

Homecoming – IIT Bombay

- Ranked 5th among 5790 teams at IIT-Bombay's "e-Yantra" robotics contest. Created a programmable robot using computer vision, image segmentation, thresholding, and ResNet-50 to navigate grids and classify objects in the arena.