AISHWARYA LAHARI VANKA VENKAT

Los Angeles, CA |+1 (213) 462-7065 | vankaven@usc.edu | LinkedIn

EDUCATION

University of Southern California, Viterbi School of Engineering **Los Angeles, CA**
Degree: Master of Science, Computer Science (Scientists and Engineers), **GPA**: 3.77/4.0 August 2021-December 2023

RV College of Engineering **Bengaluru, India**
Degree: Bachelor of Engineering, Electronics and Communication Engineering, **GPA**: 9.29/10.0 August 2014-July 2018

EXPERIENCE

Software Engineering Intern, Tesla Inc., Fremont, CA May 2023-December 2023
- Introduced pages in performance team's self-service portal aiding in load and stress testing internal Tesla applications.
- Customized complex datatables with **React/PrimeReact**, designed **C#** Web APIs and **MSSQL** queries to transmit and modify data.
- Improved visualization through graphs, reorganized UI for access to relevant modules reducing effort traversing application.

Software Engineering Intern, William Blair & Company L.L.C., Los Angeles, CA June 2022-August 2022
- Implemented new feature in Investment Banking's feedback tool for managers to read, save and export notes on employees.
- Employed **React** to build desktop and mobile UI, and **C#** to build Web APIs to fetch and store data from **Azure Cosmos DB**.
- Demonstrated advantages of utilizing the feature at company's Women in Technology Summer Intern Showcase.

Student Worker, USC Mark & Mary Stevens Neuroimaging and Informatics Institute, Los Angeles, CA February 2022-May 2022
- Worked on **Go** and **HTML** to implement changes in web pages and fix bugs in applications of USC's INI and LONI laboratories.

Application Development Analyst, Accenture Solutions Pvt. Ltd., Bengaluru, India August 2018-June 2021
- Developed, deployed, and maintained pages in web and windows applications using **C#, ASP .NET, MSSQL, HTML, JavaScript**.
- Automated manual tasks, assisted in migrating application from VB .NET to ASP .NET, created charts and reports in applications.
- Resolved production tickets by coordinating with QA/UAT teams, drafted technical documents for End Users/QA/UAT teams.
- Collaborated with finance/insurance-based clients daily by providing technical support in production environment.

Core Technical Intern, Intel Corporation, Bengaluru, India January 2018-July 2018
- Updated modules in Intel specific tool to validate memory ordering in Pre-Silicon processor architecture utilizing **C** and **Python**.
- Executed academic project to illustrate improvements required in validation environment of scaled-down 16-bit RISC processor.

HONORS AND AWARDS

Accenture Solutions Pvt. Ltd. **Bengaluru, India**
- Recognized for designing zero-defect modules with minimum support in 2019 and handling critical production issues in 2021.
- Received the **Rising Star Award FY20** (2020) for on-time application delivery and client support.

ACADEMIC PROJECTS

Event Finder Application March 2023-May 2023
- Built responsive websites using Ticketmaster, Spotify, Facebook, Google Maps and IpInfo APIs to query and display events data.
- Deployed **Angular v15**, **Bootstrap v5, HTML** and **Typescript** frontend, and **Node.js** backend on Google Cloud Platform (GCP).
- Recreated website as android app in **Android Studio**, using android SDK, android lifecycle, Google Material Design and Picasso.

Operating System October 2022-December 2022
- Modelled processes and established thread lifecycle in **C**, including thread switching and scheduling on a toy operating system.
- Designed a virtual file system **(VFS)** to create, remove and change directories; and open, read, write, and close files.
- Enabled user space programs by adding virtual memory **(VM)**, including virtual memory map, page fault handler and fork operation.

Game Development Project August 2022-December 2022
- Availed **Unity Engine** and **C#** to devise UI for level selection and navigation through scenes in 3D platformer puzzle game.
- Worked on game mechanic for player movement, level design, power ups and themes to provide user experience in game.

SKILLS AND CERTIFICATIONS

- **Programming Languages/Libraries:** C#, Java, C++, C, JavaScript, SQL, HTML, CSS, React, PrimeReact, PowerShell
- **Frameworks and Technologies:** ASP .NET, ASP .NET MVC, MS SQL Server, Azure Cosmos DB, Git, GitHub, TFS, JIRA
- **Development Tools**: Visual Studios, Visual Studio Code, IntelliJ IDEA
- **Certifications**: Front-End Web Development with React, Machine Learning, Microsoft Certified: Azure Fundamentals

ACTIVITIES

- Attended Grace Hopper Conference (GHC) 2022 virtually.
- Trained as an Indian Classical Bharatnatyam Dancer, won first place at high school and collegiate level dance competitions.
- Hosted a podcast on Spotify and Apple Podcasts called 'Our Strange Cosmos', exploring facts about our universe.