

# DARPAN ACHARYA

Los Angeles, CA 90007 | dacharya@usc.edu | [linkedin.com/in/darpan-acharya/](https://www.linkedin.com/in/darpan-acharya/) | (213) 646-3280

## EDUCATION

**University of Southern California, Los Angeles, CA**

**Aug 2022-May 2024**

Master of Science in Computer Science

**N.M.A.M Institute of Technology, Nitte, IN**

**Aug 2015-May 2019**

Bachelor of Engineering in Computer Science & Engineering

CGPA: 9.37

## TECHNICAL SKILLS

- **Languages:** C++, C#, Java, Python, SQL, HTML5, JavaScript, Typescript, MSSQL, T-SQL
- **Technologies/Environments:** AWS, SQL Server Management Studio, Visual Studio, Git, Microsoft Azure, Linux
- **Frameworks/API:** NumPy, Keras, Pandas, Tensorflow, .NET/.NET Core, Angular, Natural Language Processing

## PROFESSIONAL EXPERIENCE

**Senior Software Engineer, Sony India Software Center, Bangalore, IN**

**Jul 2019-Jul 2022**

**Awards:** 'Best Team' Award (2020)

**On-site: Shanghai, China**

- Developed Angular components for pre-booking and purchase of Sony products by vendor increasing customer base and better sales tracking.
- Expedited approval time by 4h by implementing Adaptive cards in Microsoft teams using Angular, .Net Core and Logic Apps.
- Automated adding/updating finance approvers, reducing 5h of manual tasks every month using Angular.
- Generated multi-level approval steps for creating new requisitions and send email notifications using T-SQL, Azure Function Apps, Logic Apps and Web APIs.
- Created Angular web pages to raise and track IT service requests enabling easy tracking by eliminating manual work.
- Designed and engineered a Smart Meeting Room Dashboard & Quick Booking of meeting rooms using Angular, Microsoft Graph APIs and Logic Apps reducing time and overhead of maintaining multiple applications.
- Reported client expenses in excel reports using Angular, T-SQL and Web API achieving 10% faster stamp amount recovery.
- Guided a team of 7 freshers to hone skills in Angular, .NET Core and MySQL Database.

## PROJECTS

**Enigma, Sony India Software Center, Bangalore, IN (BlockChain, Python, AWS)**

**Sep 2021**

- Led a team of 4 & programmed a tool to measure performance & productivity of employees, maintaining data privacy with HyperLedger Fabric framework on BlockChain technology.
- Integrated AWS QuickSight for Visual representation of data.

**EventCraft, Sony India Software Center, Bangalore, IN (.NET, MySQL)**

**Oct 2019-Nov 2019**

- Developed a .NET framework web application that allows clients to add and handle Movie data and provide a service to book tickets for Customers.
- Engineered MVC structure and integrated PayTM payment gateway and QR Code generation.

**Classification of Areca nut Kernel Images using Multi-Feature Extraction, NMAMIT, IN**

**Sep 2018-Apr 2019**

**(Python, NumPy, Keras, Convolution Neural Network, Pandas)**

- Collaborated with a team of 4 and trained a model on Areca nut Kernel Images using a Convolution Neural Network to predict grade of the Arecanut.
- Obtained an accuracy of 97.86% by incorporating Adam Optimizer and finished top 5 in the batch.
- Acquired funding from Visvesvaraya Technological University (VTU) for automating grading process to provide equitable prices for farmers.

**Plant Seedling Classification, ExpertHub, Bangalore, IN**

**May 2018**

**(Python, NumPy, Keras, Convolution Neural Network, Pandas)**

- Built a model to classify Plant Seedlings using Neural Network and obtained an accuracy of 86.7%.
- Received Certification of Internship on Machine Learning and Artificial Intelligence.