

# DEVANG BORKAR

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## EXPERIENCE

### Software Engineer(Member of Technical Staff)

August 2022 - September 2024

Hexaview Technologies

Pune, India

- Enhanced user experience by implementing 20+ new features in **C#** and **AWS Microservice Architecture**, resulting in a 30% increase in client satisfaction ratings and a **15% decrease** in customer support tickets.
- Utilized **Entity Framework** and **high-performance SQL** queries to improve software performance, resulting in a faster response time for client queries and an increase in overall system efficiency by **25%**.
- Executed **comprehensive code reviews** and developed more than 500 end-to-end **automated tests** to maintain high coding standards, leading to a reduction of code issues by **40%** and an improvement in system stability by 20%. Designed **50+** optimized APIs to enhance system performance and scalability.

### Cloud Intern

October 2021 - December 2021

AICTE(AWS)

Virtual

- Executed the deployment of a PHP application for Social Research Organization on **AWS**, utilizing **Load Balancers** and **Auto Scaling** groups for high availability and optimized liveness during varying traffic loads.
- Designed **high-level (HLD)** architectural solutions tailored to specific industries, application types, and business sizes, resulting in **optimized cloud infrastructure** for diverse client needs.

## EDUCATION

### Master of Computer Science, University of California Davis

August 2024 - Ongoing

Distributed Database Systems, AI in Software Engineering, Vision Language Models

GPA - 3.92/4

### Bachelor of Computer Science, Savitribai Phule Pune University, Pune

2019 - 2023

Specialization in Artificial Intelligence and Machine Learning

GPA - 9.13/10

## SKILLS

### Technical Skills

AI Development, Web Development, Cloud Architecture, Distributed Systems.

### Programming Languages

Java, C#, C++, Python3, Javascript, SQL, React Native, NodeJS, Kotlin, Bash

### Tools

Linux, , Git, Docker, LLM APIs, Kubernetes, Scikit-learn, Pandas, Keras, Copilot

### Certifications

AWS Cloud Practitioner, Agile Scrum Foundation, IIT Bombay Python Certification

## PROJECTS

### AlgoTrade ( Stock Prediction Platform for High-Frequency Trading HFTs)

Startup Club, UCD

Technologies : Python, Flask, MongoDB, ReactJS, Docker, Neural Networks, Pytorch, Scikit, Pandas, Deep Learning

Developed a platform allowing end-users to view which **predictive ML model** performs best on a given asset and implemented continuous **model retraining** and updating to improve **prediction accuracy** over time

### ResChat(Decentralized Chatting System)

Apache Software Incubation

Technologies : Distributed Systems, Python, Flask, IPFS Cluster Service, ResilientDB, ReactJS, GraphQL, C++

Built a robust **distributed** chatting system on top of the **ResilientDB** using **IPFS** for high performance messaging with file distribution capacities that ensures **data integrity** and availability

### AI Powered Quiz Generator

Technologies : Python, Vector Databases, Cursor IDE, AI Development, LLM Integration, RAG, Prompt Engineering

Developed a **full-stack AI web application** that transforms study materials in any format into quizzes using OpenAI API. It provides an intuitive drag-and-drop interface for file uploads and delivers **interactive quizzes** with instant feedback.