

# DEVANG BORKAR

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## EXPERIENCE

**Software Engineer(Member of Technical Staff)**  
Hexaview Technologies

August 2022 - September 2024  
*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 optimized **50+%** APIs to enhance system performance and scalability.

**Cloud Intern**  
AICTE(AWS)

October 2021 - December 2021  
*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 design(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  
Distributed Database Systems, Software Engineering, Advanced Linear Algebra

August 2024 - Ongoing  
GPA - 3.85/4

**Bachelor of Computer Science**, Savitribai Phule Pune University, Pune  
Specialization in Artificial Intelligence and Machine Learning

2019 - 2023  
GPA - 9.13/10

## SKILLS

<b>Technical Skills</b>	Web Development, Cloud Architecture, Machine Learning, Distributed Systems.
<b>Programming Languages</b>	Java, C#, C++, Python3, Javascript, SQL, React Native, NodeJS
<b>Tools</b>	Linux, DotNet, Git, Docker, Flask, Scikit-learn, Pandas, Matplotlib, Keras, APIs
<b>Certifications</b>	AWS Cloud Practitioner, Agile Scrum Foundation, IIT Bombay Python Certification

## PROJECTS

**Atom(Portfolio Management Software)**

Technologies : Dot Net Core 6.0, C#, JavaScript, Git, Azure, JIRA, AWS, Angular, TypeScript, SQL

Engineered **scalable backend architectures** for a high-traffic wealth management platform, enabling real-time trading capabilities and enhancing performance through **cloud infrastructure optimization** and **modular system upgrades**. Implemented a robust **caching mechanism** to reduce data retrieval times by **40%**

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

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

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

**ResShare(Decentralized File Sharing System)**

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

Built a robust **blockchain based** file sharing system on top of the **ResilientDB** using **IPFS** for secure and efficient file distribution that ensures **data integrity** and availability