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.
- 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.

Lead Software Engineering Intern - AI   June 2025 - Ongoing
Learnhaus AI   *Davis, CA*

- Designed and developed a **multimodal AI** platform evaluating user presentation skills by analyzing facial expressions, vocal tonality and behavioral cues, providing feedback and a score to guide improvement.
- Researched performance by defining **key metrics**, developing in-house dataset, **benchmarking** across providers, and identifying the **optimal solution** for our needs.

EDUCATION

Master of Computer Science, University of California Davis   August 2024 - Ongoing
Distributed Database Systems, AI in Software Engineering, Vison 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, Cursor, Git, Docker, LLM APIs, Kubernetes, Scikit-learn, 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

Daily Digest - AI-Powered Gmail and Calendar Summarizer
Technologies : Python, Flask, ReactJS, MongoDB, Google OAuth2, Gemini AI API, SSL/TLS, Google Cloud

Developed a **full-stack application** providing intelligent daily summaries of Gmail and Calendar using **Gemini AI**, with features including smart reply suggestions, text-to-speech summaries, and priority-based event management through secure OAuth2 authentication.