Bhavesh Dewan
Software Engineer

bhaveshdewan9@gmail.com | (515) 236-6418 | San Jose, CA| linkedin.com/in/bhaveshdewan/ | github.com/bhaveshdewan

PROFESSIONAL SUMMARY
Versatile Software Engineer skilled in Python, Java, C++, and JavaScript with experience in Node.js, React, and SQL databases. Proven track record in developing efficient algorithms, optimizing performance, and leading successful projects. Recognized for innovative problem-solving and delivering high-quality solutions in Agile environments.

SKILLS
Programming Languages: Python, Java, C++, JavaScript, HTML/CSS, SQL, R
Libraries/Frameworks: Node.js, React, PyTorch, TensorBoard, Spring Boot, Express.js
Tools/Misc: Git, CI/CD, GitHub, Postman, FileZilla, PyInstaller, Figma, Statistics, Tableau, Spreadsheets

CERTIFICATION
- Google Data Analytics Professional Certificate (In Progress)   Expected Completion: July 2024

EDUCATION
Iowa State University   Ames, IA
- Bachelor of Science, Computer Science. GPA: 3.5 (Dean's List)   August 2021 - May 2024

EXPERIENCE
Centene   Clayton, MO
Software Developer Intern   May 2023 - August 2023
- Devised a project from scratch to archive over 15 million records from Salesforce cloud to SQL Server, reducing storage usage by 18% and improving application performance through efficient data structuring and indexing.
- Implemented an archival algorithm using Apex/Java, recursively ensuring data standardization and scanning for object relations within an active CI/CD pipeline and Agile development environment with 13 developers.
- Reduced total error log count by 15% with an algorithm to detect duplicate throw exception cases. Engaged in software configuration and rigorous system testing to ensure high-quality deliverables.

Acadmission   Remote
Web Development and Digital Marketing Intern   May 2021 - August 2022
- Directed website development and achieved a rapid launch within 1 month by executing a comprehensive UI/UX redesign, improving user interaction and design aesthetics, and boosting conversion rates by 25% through user feedback analysis.
- Leveraged advanced Google Analytics insights to identify underperforming marketing channels, resulting in a 40% decrease in customer acquisition costs and a 20% boost in targeted traffic and sales conversion rates by optimizing ad spend.
- Collaborated with the Chief Marketing Officer to execute SEO techniques such as keyword optimization, improving site speed, and creating high-quality content, generating 50% more qualified leads.

ACADEMIC PROJECTS
ModlBox (Modular Deep Learning) - LINK   January 2024 - May 2024
- Spearheaded the development of an application that simplified Deep Learning model training by adding parameters such as models, datasets, epochs, batch size, and backbones, boosting user engagement by 35% and increasing accessibility.
- Led the development of key features in a collaborative project with 5 students, delivering trained model predictions, user-friendly UI, real-time graph display, and folder management within 15 weeks, improving user experience by 20%.

Movie Track (Android Application) - LINK   August 2022 - December 2022
- Led a cross-functional team of 4 students in enhancing the Movie Track application's performance and functionality by 30% through back-end development using the Spring Boot framework, ensuring seamless collaboration and task coordination.
- Utilized MySQL for database management, ensuring efficient data storage and retrieval; tested backend functionality using Postman and managed file transfers with FileZilla, resulting in a 25% improvement in data access speed.

Flip 'N' Match (MERN Stack Game) - LINK   October 2022 - December 2022
- Developed RESTful APIs with Express.js and Node.js to handle game logic and real-time updates and integrated MongoDB for reliable data storage and management, ensuring a smooth and scalable gaming experience for over 500 users.
- Built dynamic and interactive front-end components using React to provide an engaging and seamless user experience, increasing user satisfaction and engagement by 40% by employing Agile development practices and user feedback loops.