

Deep Meghani Full-Stack Developer

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PROFILE

Dynamic Software Developer with a solid foundation in computer science. Skilled in a broad spectrum of programming languages and frameworks, with a track record of driving user engagement and improving system efficiencies across various projects.

EDUCATION

Bachelor of Science in Computer Science, California State University, Long Beach

GPA - 3.62/4.0

Related Coursework:- Data Structure, Algorithm, Machine Learning, Artificial Intelligence, Operating system, API, Object-Orientated Design, Software Development, Web Development, Version Control, Cybersecurity, Mobile Application, Database Management.

2020 Jan – 2024 May

PROFESSIONAL EXPERIENCE

Instructional Student Assistant, California State University, Long Beach

2022 Feb – 2024 May

- Directed the development of an inclusive, culturally diverse curriculum, boosting student engagement and retention by 15% through interactive coding workshops in Python, C++, and HTML, featuring real-world exercises.
- Implemented tailored feedback strategies for 200+ students, significantly enhancing coding proficiency and aligning skills with industry standards through personalized instructional methods.
- Spearheaded a comprehensive redesign of the business algebra course, incorporating real-world case studies and Excel projects, which resulted in a notable increase in student engagement and attracted 50 additional participants in subsequent sessions.

Software Developer Intern, Global Financial Data

2022 May – 2022 Aug

- Contributed to system feature design and implementation, enhancing project efficiency with thorough testing and documentation. Drove a Machine Learning initiative, improving stock prediction by 30% through data optimization.
- Developed a responsive website using MVC, JSON, jQuery, HTML, and JavaScript, achieving a 40% increase in efficiency and halving client complaints, significantly improving user satisfaction and retention.
- Participated in React website development, increasing scalability by 70% and user satisfaction; improved team performance by 30% with Agile practices and effective scope management.

SKILLS

Programming Technologies

Python, C++, Java, C, C#, HTML, CSS, JavaScript, JSON

Database Technologies

SQL, MongoDB, PostgreSQL, SQLAlchemy

Libraries and Framework

Flask, TensorFlow, NumPy, Matplotlib, BeautifulSoup, Pandas, Firebase, React JS, Angular

Other Technologies

Git, GitHub, Visual Studio, PyCharm, Confluence, JIRA, Slack, Figma, Docker

PROJECTS

Study Spot, Backend Engineer ↗

2023 Jan – 2024 Jan

- Conceptualized and developed an interactive application that revolutionized study spot navigation; by incorporating real-time data, reduced search time by 30% and increased user satisfaction by 20%.
- Developed a cutting-edge, interactive application using Angular and TypeScript technologies to seamlessly guide users to the nearest available study spot, enhancing productivity and user satisfaction.
- Orchestrated the development of a robust backend system utilizing Python Flask, PostgreSQL, and SQLAlchemy to ensure data integrity, security, and optimized database queries.
- Incorporated S3 bucket for cloud storage, streamlining data management processes and increasing storage capacity by 50%, ensuring seamless access to critical information for a global user base.
- Drove agile development efficiency through the strategic utilization of JIRA, Confluence, and Slack, yielding a 20% increase in sprint velocity and a 30% reduction in project backlog.

StuXpert App, FullStack Engineer ↗

2023 Feb – 2023 Mar

- Championed the development and design of a cutting-edge discussion board Full-Stack Web Application in partnership with a cross-functional team; enhanced user experience by introducing personalized content recommendations, resulting increase in user retention.
- Architected the frontend utilizing ReactJS, TailwindCSS, and DaisyUI to deliver a seamless user experience, enabling functionalities such as posting, liking, disliking, and commenting on posts.
- Executed the deployment of user authentication and backend data management using Google Cloud and Firebase's Firestore Database, achieving a reduction in data retrieval time and increase in system reliability.
- Revamped application performance by implementing testing processes, resulting in a 40% reduction in system downtime and a 25% increase in overall system scalability and responsiveness.

LEADERSHIP EXPERIENCE

Technical Lead, Google Developer Student Club

2022 Aug – 2023 Aug

- Contributed to the development of a ticketing system for GDSC, utilizing advanced Back-end technologies including Node.js and MongoDB.
- Directed comprehensive technical training sessions for team members, focusing on programming languages such as Flask and TensorFlow.
- Pioneered the GDSC team in developing the club's premier website using HTML, CSS, and JavaScript; leading to the completion of 50% of the website.