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HUMANVITHA CHINNAM

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EDUCATION

MS in Computer Science| California State University, Long Beach (CSULB) | GPA: 3.66   **Expected: May 2025**
Coursework: Adv. Analysis of Algorithms, Adv. Programming, Adv. Software Engineering, Artificial Intelligence

Bachelor of Technology| Lakireddy Bali Reddy College of Engineering | CGPA: 9.28   **June 2017-July 2021**

SKILLS

Python, C, Java, R, SQL, JavaScript, TypeScript | HTML, CSS, ReactJS, Next.js, Drupal, Zustand, GraphQL, Jest, Constellation | MySQL, MongoDB, DynamoDB, Oracle, AWS, GCP | GitHub, GitLab, Jira, Confluence | Eclipse, Visual Studio Code, Jupyter Notebook, Anaconda, Bubble.io, WordPress, Figma, Qualtrics | Pandas, NumPy, Matplotlib, Scikit-learn, DNN, OpenCV, Transfer Learning, Internet of Things, Tableau

PROFESSIONAL EXPERIENCE

Software Engineer Intern | WalletGyde, Colorado   **June 2024 - Present**
- Migrated the platform from Bubble.io to a scalable and responsive web application using Next.js and DynamoDB to intensify scalability and compatibility across mobile and desktop devices, leading to a 40% surge in user adoption.
- Built a Personal Loan Calculator landing page to provide users with seamless loan estimations, resulting in the acquisition of 300+ new leads and supporting customer engagement.
- Spearheaded research on AI-based matchmaking algorithms, augmenting successful matches by 25% compared to earlier algorithms.
- Instituted APIs to streamline data retrieval processes, reducing response times by 15% and promoting overall system responsiveness for a better user experience.
- Implemented WordPress features to enrich site accessibility and functionality, resulting in a 15% raise in monthly active users.

Graduate Assistant | CCPHIT | California State University, Long Beach   **March 2024 - Present**
- Reorganized and streamlined dataset management processes to assure data integrity and accuracy, achieving 99% data accuracy, contributing to more empirical decision-making processes.
- Revamped a Drupal-based CMS to streamline updates for course offerings and internship opportunities; automated outreach processes, resulting in a 25% escalation in student enrollments and internship placements.

Software Engineer | Tata Consultancy Services, India   **July 2021 - August 2023**
- Crafted responsive ReactJS web pages for banking platforms to amplify user experience, which resulted in a 30% increase in client satisfaction through faster and more intuitive navigation.
- Automated regulatory processes by building a web-based solution, cutting manual processing time by 60%, which helped the client meet compliance deadlines.
- Enhanced the version control and release process using Gerrit and GitHub to progress team efficiency, scaling down the code review cycle by 40% and accelerating project delivery.
- Developed reusable React components to ensure maintainability and scalability across different projects, boosting development speed by 25% and uplifting overall team productivity.
- Adopted component testing using Jest, completing 85% test coverage, which led to a 40% contraction in bugs and improved reliability.
- Collaborated with cross-functional teams in an agile environment to shorten project timelines by 30%, fine-tuning project delivery rates and overall team output.

Industry 4.0 Intern| Gustovalley Technovations, India   **August 2020 – September 2020**
- Constructed web applications for IoT device management, raising data handling proficiency by 20% and system performance.
- Designed intuitive IoT applications with Blynk, improving home automation interaction by 35% due to customer-focused designs.

PROJECTS

HearHub Headphones – E-commerce Website
- Led the creation of an e-commerce platform using ReactJS and Sanity to elevate the user experience and manage products efficiently. Integrated Stripe for secure payments, minimizing transaction failures by 60%.

Reliever – Social Media Application
- Built a video-sharing platform with Next.js and TypeScript, delivering a seamless experience across devices. Optimized media caching to cut-down load times by 40%, and refined the search functionality, cutting profile and video search times by 25%.

Real Time Chat Application
- Created a real-time chat system using ReactJS and Chat Engine, featuring typing indicators and read receipts. Reduced message latency by 50%, enhancing real-time communication and upgrading user engagement by 30%.

ACHIEVEMENTS AND CERTIFICATIONS

- **Publication: Real-Time Face Mask Detection System:** Devised a mask-detection system using OpenCV and MobileNet, achieving 95% accuracy and decreasing COVID-19 exposure incidents by 35%. Implemented face recognition for instant video-based access control under 100 milliseconds.
- **Google Cloud Certified Associate Cloud Engineer:** Demonstrated expertise in deploying, managing, and securing cloud-based infrastructure and applications on Google Cloud Platform.
- **Continuous Feedback Star Certificate:** Awarded for exceptional dedication and active contribution, driving impactful results within the organization.