Kanishk Bhatia

San Francisco, CA| bhatiakanishk21@gmail.com | 857-544-8511 | linkedin.com/in/bhatiakanishk

WORK EXPERIENCE

Founding Software Engineer, WorkOrderWizard LLC, Remote, USA   *Oct 2023 – Present*
- Spearheaded the development and launched a subscription-based model, contributing to a 25% increase in user subscriptions
- Designed the application using React Native and Expo Go for a seamless user experience on both Android and iOS platforms
- Strengthened the mobile application's security by integrating Firebase, leading to a 70% decrease in unauthorized access
- Implemented push notifications and deployed Firebase functions, automating tasks and boosting user engagement by 20%
- Conducted testing via Apple's TestFlight with 20 users, driving a 30% improvement in stability as measured by fewer crashes

Software Engineer, Ultimate Computech Pvt. Ltd., Mumbai, India   *Apr 2020 – Jul 2021*
- Developed and deployed an employee management application using ReactJS on AWS, reducing hosting expenses by 20%
- Assembled a scalable server architecture with MongoDB and NodeJS, boosting system performance by 50%
- Built robust security measures including encryption and secure API endpoints, reducing vulnerability to cyber threats by 30%
- Formulated the deployment process through CI/CD and automated testing, leading to a 60% decrease in deployment time

EDUCATION

Northeastern University, Boston, MA   *May 2023*
Masters in Information Systems

University of Mumbai, Mumbai, India   *May 2020*
Bachelor of Computer Engineering

SKILLS

- **Programming Languages:** Python, Swift, JavaScript, Java, Bash, C, C++
- **Web Technologies:** React, Node, UIKit, HTML, CSS, React Native, Expo Go, Next.js, Typescript, Angular, Sass, Ajax, jQuery
- **SCM and Automation:** AWS, GCP, Git, GitLab, CI/CD, Terraform, Packer, Kubernetes, Docker, Ansible, Jenkins
- **Databases:** MySQL, NoSQL, MongoDB, SQL, Firebase, PostgreSQL, Sanity
- **API Technologies:** GraphQL, REST, Postman, OAuth, JSON, XML

PROJECT EXPERIENCE

Interactive Portfolio Website with Next.js, Tailwind CSS and Sanity   *Jan 2024 – Present*
- Implemented Sanity.io for real-time backend updates and reduce update times by 75%
- Achieved a significant improvement in client interaction by implementing a contact form, resulting in a 30% rise in inquiries
- Integrated responsive design to ensure seamless accessibility across devices, driving a 40% increase in mobile user engagement
- Enhanced the performance through code optimization and efficient asset management, ensuring a fast and reliable experience

Automated Deployment Pipeline for Web Application on AWS Infrastructure   *Jan 2023 – Apr 2023*
- Designed RESTful APIs for user registration and product inventory management using NodeJS, Packer, and Bash Scripts
- Automated AWS infrastructure management with Terraform, achieving a 50% improvement in deployment efficiency
- Executed CI/CD pipeline for deploying custom AMIs using GitHub actions and CodeDeploy, reducing the deployment time by 80%
- Integrated CloudWatch for monitoring API calls and utilized Autoscaling Groups to ensure the scalability of EC2 instances

iOS Application - Referral and Professional Assistance Platform   *Nov 2022 – Dec 2022*
- Constructed a dashboard for a referral iOS application, enhancing post-management efficiency by 85% through the development of user-friendly interfaces and streamlined data management
- Engineered the transitions across 10 screens using Storyboard, creating a seamless and intuitive user interface
- Catalogued over 500 posts with Firebase Firestore, organizing and managing data with a scalable database solution

The Menace Machine with Reinforcement Learning Enhancement   *Mar 2022 – Apr 2022*
- Programmed a Python-based Tic-Tac-Toe game simulation with an efficient algorithm and command-line interface
- Applied a reward-based method by using Reinforcement Learning, leading to a 61% improvement in game-winning accuracy
- Trained the application by implementing the Human Optimal Strategy and improved the win percentage from 72% to 93%
- Recorded over 10,000 training sets in a JSON format for easy retrieval during the gameplay, enabling adaptive learning

Expense Tracker Application using React and MongoDB Cloud   *Nov 2021 – Dec 2021*
- Orchestrated authentication using JWT, Google OAuth, and Nodemailer, leading to a 90% drop in security breaches
- Deployed a scalable and flexible database using MongoDB Cloud Services, capable of efficiently managing over 1 million records
- Established a responsive user experience with react and redux components, with an average loading time of 2 seconds