Kanishk Bhatia

bhatiakanishk21@gmail.com | (857) 544-8511 | San Francisco, CA | [Portfolio] | [LinkedIn] | [GitHub]

WORK EXPERIENCE

Founding Engineer   Oct 2023 – Present
WorkOrderWizard LLC.   *Remote, USA*
- Engineered a cross-platform application using **React Native** and **Expo Go**, ensuring seamless performance on iOS and Android
- Collaborated with stakeholders to align development goals with business objectives, boosting product adoption by **20%**
- Drove down operational costs by **65%** through optimization of backend infrastructure with **Firebase serverless architecture**
- Strengthened application security by integrating **Firebase authentication**, resulting to a **70%** reduction in unauthorized access

Full-Stack Engineer   Apr 2020 – Jul 2021
Ultimate Computech Pvt. Ltd.   *Mumbai, India*
- Developed and deployed an employee management **web application** using **ReactJS** on **AWS**, reducing hosting expenses by **40%**
- Enhanced system performance by **50%** through scalable architecture with **MongoDB Cloud** and **NodeJS**
- Implemented **encryption** and **secure API endpoints**, decreasing vulnerability by **30%**
- Automated **testing** and **CI/CD** pipelines, cutting deployment time by **60%** and improving code readability

SKILLS

- **Programming Languages:** Python, Swift, JavaScript, Java
- **Web Technologies:** React, NodeJS, HTML, CSS, React Native, Expo Go, Next.js, Typescript, AngularJS
- **SCM and Automation:** AWS, GCP, Git, CI/CD, Terraform, Packer, Docker
- **Databases:** MySQL, NoSQL, MongoDB, SQL, Firebase, PostgreSQL, Sanity
- **API Technologies:** GraphQL, REST, JSON, Postman, OAuth

PROJECT EXPERIENCE

Interactive Portfolio Website   Jul 2024 – Sep 2024
- Built an interactive portfolio website with **Next.js** and **Tailwind CSS**, integrating Sanity.io to enable real-time backend updates, reducing update times by **75%**
- Designed responsive layouts to ensure accessibility across devices, driving a **40%** increase in mobile engagement

Automated Deployment Pipeline for Web Application   Jan 2023 – Apr 2023
- Developed **RESTful APIs** for user registration and product management using **NodeJS**, **Packer**, and **Bash Scripts**
- Automated **AWS** infrastructure management with **Terraform**, boosting deployment efficiency by **50%**
- Reduced deployment time by **80%** by executing **CI/CD** pipelines with **GitHub Actions** and **CodeDeploy**
- Integrated **CloudWatch** monitoring and Autoscaling Groups to ensure the scalability of **EC2** instances and consistent uptime

Referral and Professional Assistance iOS Application   Nov 2022 – Dec 2022
- Designed and launched a referral **iOS** application dashboard using **Swift**, improving post-management efficiency by **85%**
- Engineered smooth transitions across **10 screens** using **Storyboard** for a seamless and intuitive user interface
- Cataloged and organized over **500 posts** using Firebase Firestore, enhancing scalability and data organization

The Menace Machine with Reinforcement Learning   Mar 2022 – Apr 2022
- Applied **Reinforcement Learning** techniques, improving the game-winning accuracy by **61%**
- Trained the application by implementing the **Human Optimal Strategy** and improved the win percentage from **72%** to **93%**
- Implemented a comprehensive testing suite using pytest to validate the game's functionality and performance, ensuring consistent accuracy and reliability across **19,000** training sets

Expense Tracker Application using React, Typescript and MongoDB Cloud   Nov 2021 – Dec 2021
- Secured the application with **JWT**, **Google OAuth**, and **Nodemailer**, leading to a **90%** drop in security breaches
- Deployed a scalable and flexible database using **MongoDB Cloud**, capable of efficiently managing over **1 million** records
- Delivered a fast and responsive UI using **React** and **Redux**, achieving an average load time of **2 seconds**

EDUCATION

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

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