Harshal Vaidya

harshal.vaidya300@gmail.com | +1(201)724-6059
https://www.linkedin.com/in/harshal-vaidya | https://github.com/VaidyaHarshal

SKILLS

- **Programming & Scripting:** JavaScript (ES6+), TypeScript, Java, Python, GraphQL, Ruby
- **Frameworks & Libraries:** React.js, Node.js, Next.js, Vue.js, Express.js, State Management (Redux), WebSockets
- **Tools and Technologies:** Git, Jira, Agile, CI/CD (Heroku, Netlify), JWT, Docker, Kubernetes, Tailwind
- **Testing and Build:** Unit (Jest, Mocha, Chai), End-to-End (Cypress), JUnit, Postman, Selenium
- **Databases and Cloud:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Redis, AWS, Firebase

EXPERIENCE

Radiance Technologies LLC | Software Engineer   Jul 2024 - Present

- Built backend functionality with **JavaScript** and **Node.js** to enforce subscription-based authorization, increasing subscription revenue by **$5,000** through improved access control for paid services
- Collaborated with **UI/UX** team to redesign the app using **React** and **Tailwind**, with technical enhancements and optimizations, boosting user engagement and increasing active users by **2,000+**
- Engineered backend payment workflows by integrating Stripe, processing over **1000** transactions monthly and dynamically applying promo code logic to calculate discounted pricing

Breathing.ai | Software Engineer Intern   Sep 2023 - Jul 2024

- Developed a **React**-based web application to promote user health, resulting in an increase of **5,000+** users
- Led the development and maintenance of internal products using **React** and **TypeScript** collaborating with backend engineers, product managers, and designers, contributing to a **5%** growth in the member base
- Enhanced **UI/UX** strategies aligned with **WCAG** Accessibility improving usability for **85+** disabled users and resolving three key interaction barriers
- Managed deployment workflows using **AWS ECS** and **CodePipeline**, achieving a **10**-minute reduction in deployment time while ensuring continuous uptime through **CloudWatch** monitoring and alarms

ICICI Securities – ICICI Bank | Software Engineer   Mar 2018 – Dec 2020

- Enhanced the performance and scalability of a web-based order execution system, increasing order volume by **300,000** transactions after optimizing **JavaScript** and **API** interactions
- Created a subscription-based advisory portfolio service with **React**, leading to a **$1.5** million investment growth
- Analyzed investment data with **D3.js** for precise profit/loss assessments, and built a responsive onboarding module, improving support for **3** million customers and enhancing overall reliability
- Established quality benchmarks adhering to Test Driven Development by implementing code review processes and deploying automated testing frameworks with **Selenium** and **Cypress**, achieving **80%** test coverage

PROJECTS

Crypto Trading View   Aug 2024

- Developed a **React** and **WebSocket** based platform to fetch real-time cryptocurrency market data using the Coinbase API, handling over **1,000** trades per second
- Designed interactive visualizations using **Chart.js** to display trends for **50+** cryptocurrency pairs, enabling efficient decision-making for traders

House of Books   May 2022

- Optimized page loading time from **0.5ms** to **0.15ms** by employing **Redis** caching, minimizing server load, implemented **Redux** to simplify state management and created search functionality for enhanced book search
- Executed **Firebase** and **JWT** user authentication for seamless storage and data retrieval from **NoSQL** database

EDUCATION

Stevens Institute of Technology, Hoboken, NJ   Aug 2021 - May 2023
Master of Science in Computer Science

Vidyanidhi Infotech, Mumbai, India   Aug 2017 - Feb 2018
Post Graduate Diploma CDAC in Advanced Computing

University of Mumbai, Mumbai, India   Aug 2013 - May 2017
Bachelor of Engineering in Information Technology