Harshal Panpaliya

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SUMMARY

Software Engineer specializing in building scalable web applications and cloud solutions using modern JavaScript frameworks like Next.js, React, and Node.js. Experienced in API integration, optimizing performance, and delivering secure, user-centric platforms.

EXPERIENCE

Marlabs, Piscataway, New Jersey
Full-Stack Developer   Feb 2024 – Jan 2025

- Develop a scalable e-commerce platform using the MERN stack, improving load times by 25%.
- Integrate GraphQL API, reducing data over-fetching by 40%, and implement Server-Sent Events for real-time data.
- Integrate Stripe/PayPal payment systems and deploy solutions on AWS (EC2, S3), achieving 99.9% uptime.

Datalekt Consultants Private Limited, Pune, India
Full-Stack Developer   Nov 2020 - Dec 2021

- Designed and developed a data management application using the MERN stack focusing on Client-facing features.
- Utilized test-driven development and automated workflows to enhance productivity in a fast-paced, Agile environment.
- Deployed and managed cloud environments in AWS with Python scripts, ensuring high availability and scalability.

Creative Core Solutions, Pune, India
Full-Stack Web Developer   Jan 2019 - Oct 2020

- Developed feature-rich e-commerce platforms using React and REST APIs, increasing user engagement by 20%.
- Implemented animations and interactive UI components to enhance user experience and responsiveness.
- Deployed cloud infrastructure on AWS and Docker, ensuring high availability and scalability.

EDUCATION

Stevens Institute of Technology
Master of Science - Computer Science **GPA**: 3.67   Jan 2024
Coursework: Web Programming 1 & 2, Human-Computer Interaction, Agile Methods of Software Development, Enterprise Cloud Computing, Database Management Systems, Mobile Systems and Applications

Savitribai Phule Pune University
Bachelor of Engineering - Computer Engineering   Dec 2019

SKILLS

Programming Languages: JavaScript, TypeScript, Python, .NET, PHP, Java, C#, Rust
Frontend Technologies: React.js, Redux, Next.js, Vue.js, Tailwind CSS, HTML5, Angular, Enzyme, Cypress, Playwright
Backend & Databases: Node.js, Redis, Django GraphQL, MongoDB, Elastic Search, PostgreSQL, Jest, Chai, Mocha
Additional Tech: Docker, GitHub actions, GCP, AWS, Azure, Kubernetes, Kafka, Terraform, Figma

PROJECTS

React-TrashMail - Disposable Email Service   Jun 2023 - Present
Personal Project

- Developed a web application with a responsive design for generating disposable email addresses with React, Node.js, MongoDB, and GitHub Actions for CI/CD.

Walmart Invoice Exporter   Jul 2023 - Present
Personal Project

- Published a Chrome extension on chrome web store, enabling Walmart users to export their orders into Excel format.

MindfulMe: Your Companion for Mental Well-being   Mar 2023 - May 2023
Human Computer Interaction - Group Project, Stevens Institute of Technology

- Built a mental health platform with mood journaling and AI chatbot support using React, Material UI, Framer Motion, and Firebase.

Rock Buddy - React Progressive Web Application for Rock Music Enthusiasts   Nov 2022 - Dec 2022
Web Programming II - Group Project, Stevens Institute of Technology

- Developed a PWA for rock music discovery, event search, and real-time chat, utilizing React, Redux, Node.js, and Express, and integrating with Spotify and Ticketmaster APIs.

Telemedicine Web Project   Mar 2022 - May 2022
Web Programming I - Group Project, Stevens Institute of Technology

- Developed a web application for location-based doctor search, appointment scheduling, and video consultations, deployed on AWS for secure, scalable telemedicine services.