

Harshvardhan Singh

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SUMMARY:

Full stack software developer with expertise in front-end and back-end development, experienced in working with cross-functional teams.

TECHNICAL SKILLS:

- **Frontend** - JavaScript, React.js, Redux, Next.js, TypeScript
- **Backend** - Node.js, Express.js, TypeScript
- **DevOps** - AWS, Docker, Kubernetes
- **Database** - MongoDB, PostgreSQL, MySQL

EXPERIENCE:

Software Engineer - Ratham Technologies | June 2023 - Jan 2024

- Led and engineered the key APIs including Client, TSA, Sites, TM, Vendor, TA, Business Unit, Cost Center, Teams, Schedules, Driver & Cab Contracts creation, and employees bulk upload with role-based access control, streamlining data management processes and increasing operational efficiency by 40%.
- Developed the Route Creation functionality on both the [front-end](#) and back-end using [Geocoding](#) and [Directions](#) Services of Google Maps APIs
- Setup and management of the AWS services like Route53, EC2, Elastic Load Balancer, Secret Manager, ACM, CodeBuild, CodeDeploy, CodePipeline, Keyspaces, SNS, SES, S3, Amplify, IAM.

Full Stack Developer - MedPiper Technologies(YCombinator-S20) | May 2022 - Apr 2023

- Designed fully customized user reward system using [Xoxoday Plum](#) which helped new doctors retention boost from 3% to 20% per month
- Optimized the React build process, resulting in a 48% reduction in JS file size and enhanced security.
- Enabled E-Consultation with realtime video call with the patient using [Agora SDK](#)
- Composed the WhatsApp based chatbot using [Twilio](#) to automate bookings on our platform

Backend Developer - Dhvani RIS Pvt. Ltd. | Jan 2022 - Apr 2022

- Led and developed the entire back-end of [Amazon Future Engineer](#) Class Chats Portal including the integration of Zoom Meeting SDK
- Implemented the dashboard data reshaping generic utility functions for [MGrant](#)
- Created the National and State dashboard APIs for [City Finance](#) MoHUA
- Reduced read and write operations on Application level by writing Complex Aggregation Queries.

Freelance Web Developer - Solo Freelancing | Jan 2021 - Dec 2021

- Worked on solo on 40+ freelance and personal web projects using Node.js, React.js, Next.js, Razorpay SDK, MongoDB, MySQL, AWS

EDUCATION:

GLA University Uttar Pradesh | B. Tech. in Computer Science & Engineering | Aug 2018 - May 2022