

SHAIL PATEL

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Technical Skills

Languages: JavaScript, Python, Java, TypeScript, C, CSS, HTML5

Frameworks: Node.js, Express.js, React.js, Redux, Angular, GraphQL, Next.js, Django, Vue.js, Tailwind CSS, Flask

Databases: PostgreSQL, SQL, MongoDB, Redis

Tools: Docker, AWS, Redis, Git, CI/CD Pipelines, Serverless Framework, RabbitMQ

Experience

New York Institute of Technology

Sep 2023 – Dec 2024

Teaching Assistant

New York, NY

- Coordinated 2 successful student hackathons with 40+ participants, providing technical guidance on project architecture and implementation

System Level Solutions

Dec 2020 – Dec 2022

Full Stack Developer

Anand, Gujarat

- Designed and implemented scalable microservices using Node.js, TypeScript, and Docker, improving system modularity and maintainability.
- Built and maintained GraphQL services with federation for seamless data integration across distributed services.
- Enhanced frontend performance by implementing sophisticated JavaScript techniques, including async/await and server-side rendering, in Vue.js.
- Deployed fault-tolerant services on AWS (Lambda, EC2, and S3), achieving 99.9% uptime.
- Applied computer science principles, including algorithms and data structures, to optimize data flow and storage.
- Automated unit and integration testing pipelines using Jest and CI/CD tools, reducing deployment errors by 20%.

Rishabh Software

July 2019 – Nov 2020

Frontend Developer

Vadodara, Gujarat

- Developed and maintained interactive web pages using React.js, Redux, and TypeScript.
- Integrated RESTful APIs and WebSockets to ensure real-time data synchronization in customer-facing applications.
- Conducted cross-browser testing to ensure consistent performance across Chrome, Firefox, and Safari.
- Wrote unit tests with Jest and React Testing Library to maintain 95% test coverage.
- Optimized front-end assets using Webpack, reducing application bundle size by 30%.

TechnoGuide InfoSoft

Jan 2019 – June 2019

Junior Full Stack Developer

Anand, Gujarat

- Implemented rich user experiences by creating 15+ new features utilizing HTML/JS/CSS.
- Developed and maintained 20+ REST APIs writing documentation using OpenAPI specifications.
- Collaborated with 2 engineering teams on domain, design, and code testing for 7+ projects.
- Participated in weekly code reviews with 3 senior developers.
- Wrote 47 automated tests to raise code quality as part of the development process.

Projects

Subscription Management Platform | *Node.js, GraphQL, AWS, Docker, TypeScript*

- Designed and developed a SaaS platform to manage user subscriptions, billing, and invoicing for small businesses.
- Created a dashboard with real-time analytics and notifications for subscription tracking using WebSocket.

E-commerce Website | *Node.js, Express, React, Vite, New Relic*

- Developed a server-rendered e-commerce platform to enhance SEO and provide a seamless customer experience.
- Integrated with third-party payment gateways (e.g., Stripe, PayPal) to handle secure transactions.

Education

New York Institute of Technology

Jan 2023 – Dec 2024

Master of Science in Computer Science

New York, NY

Gujarat Technological University

Aug 2017 – June 2021

Bachelor of Science in Computer Science

Ahmedabad, Gujarat