

Rutvij Sathe

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with expertise in React.js, Next.js, Node.js, and AdonisJS, known for architecting scalable solutions and migrating complex systems. Adept at collaborating across teams to deliver high-performance web applications that enhance user engagement and operational efficiency.

EXPERIENCE

Software Engineer II

American Express | Toronto, ON

Oct 2024 – Present

- Led the migration of multiple backend services from AdonisJS v5 to v6, ensuring seamless transition to ESM modules and updated IoC container patterns, which improved code maintainability and reduced build times by 20%.
- Built responsive user interfaces with Next.js and Tailwind CSS, leading to a 25% increase in user engagement and a 15% reduction in bounce rates.
- Implemented robust authentication mechanisms utilizing AdonisJS's built-in Auth module, strengthening security compliance and reducing unauthorized access attempts by 40%.
- Adopted Test-Driven Development (TDD) practices with Jest, increasing code reliability and reducing post-deployment defects by 30%.
- Improved deployment efficiency by 40% through streamlining CI/CD pipelines using GitHub Actions and Jenkins.

Senior Software Engineer [Freelance]

Glitchy Digital Marketing | Los Angeles, CA

May 2024 – Oct 2024

- Managed a team of 6 software engineers, ensuring on-time product delivery and successful releases.
- Enforced GitHub Action checks and conducted thorough code reviews to maintain high code quality.
- Designed and architected scalable solutions for new features according to the product roadmap.

Software Engineer

Viral Nation | Toronto, ON

June 2023 – May 2024

- Engineered and optimized GraphQL APIs and backend services, achieving a 50% improvement in data retrieval and manipulation speeds, thereby enhancing overall application performance.
- Architected a comprehensive full-stack system, integrating BFF, middleware, orchestration, and backend layers, which bolstered application scalability by 45% and reduced PostgreSQL query times by 80% through strategic caching with Redis.

Full Stack Developer Intern [Intern]

Nanoleaf | Toronto, ON

Sept 2022 – Dec 2022

- Developed an ETL pipeline integrating diverse data sources with Google BigQuery, reducing manual data handling by 50% and enhancing data accessibility.
- Improved website loading time by 30% through lazy loading, resulting in a better user experience.

EDUCATION

Post Graduate Certificate, Business Intelligence System Infrastructure

Algonquin College | Ottawa, Canada

Jan 2022 – Dec 2022

Post Graduate Certificate, Big Data Analytics

Georgian College | Ontario, Canada

May 2021 – Dec 2021

B.E. Information Technology

Pune University | India

May 2016 – May 2020

TECHNOLOGIES AND LANGUAGES

Languages: TypeScript, JavaScript, Go, C#, SQL, Ruby, Bash, HTML, CSS, JSON, YAML

Frameworks: Node.js, AdonisJS, Express.js, Fastify, React.js, Next.js, Tailwind CSS, Bootstrap, Redux, Zustand

Databases: PostgreSQL, MySQL, MongoDB, Redis, Cassandra, BigQuery, SQLite, Firebase Realtime DB

Cloud: AWS (EC2, S3, RDS), Google Cloud Platform, Microsoft Azure, Vercel, Netlify, Docker, GitHub Actions, Jenkins

Tools: Git, GitHub, Bitbucket, Postman, Swagger, Figma, VS Code, Jira, Slack

Testing: Jest, Mocha, Chai, TDD, ESLint, Prettier

Other: RESTful APIs, GraphQL, OAuth2, MVC Architecture, WebSockets, Caching Strategies, Design Patterns, Agile & Scrum, System Design, Data Structures & Algorithms