Shubham Jain
Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience delivering scalable, high-impact SaaS applications across real estate, healthcare, and HR domains. Proven expertise in full-stack development using React.js, Node.js, Ruby on Rails, Go, and AWS. Adept at designing robust architectures, leading Agile squads, and mentoring developers. Known for improving system performance (up to 40%), increasing test coverage (95%+), and reducing onboarding times by 60%. Passionate about clean code, technical documentation, and building secure, test-driven applications that scale.

EDUCATION

Teerthanker Mahaveer University   **Moradabad, Uttar Pradesh**
B.Tech in Computer Science – 71.3%   *2015 – 2019*

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go, Ruby, Java, C++, PHP
Frontend: React.js, Vue.js, React Native, HTML, CSS, Bootstrap
Backend: Node.js, Ruby on Rails, Go Fiber, Express.js, Laravel
Databases: PostgreSQL, MySQL, SQLite, MongoDB
DevOps: AWS (EC2, Lambda, S3), Heroku, Bitnami Parse, CI/CD
Testing: Jest, React Testing Library, Supertest (JavaScript); RSpec (Ruby); Go test (Go)
Tools: Git, Docker, Jira, Postman, Capistrano, Strapi

WORK EXPERIENCE

Senior Software Engineer — Ajackus (VTS Client)   **Mumbai, India**
Jan 2021 – April 2025

– **VTS Activate:**

  * Migrated monolithic services to modular microservices using Node.js, GraphQL (Apollo Server), and AWS Lambda.
  * Reduced deployment failures by 40% by containerizing services (Docker) and managing CI/CD pipelines on Kubernetes.
  * Accelerated tenant onboarding by 60% by implementing dynamic Auth0-driven workflows and automating APIs.
  * Integrated 3 third-party real estate platforms by engineering secure bi-directional sync pipelines with a Go-based Monorepo.
  * Documented system architecture via 10+ ADRs and led sprint demos, improving technical alignment across squads.

– **VTS Lease:**

  * Developed 20+ full-stack features using React.js, React Native, and Ruby on Rails, improving leasing workflows and collaboration.
  * Reduced user-reported issues by 25% by redesigning financial modules and tenant data visualization components.
  * Boosted deployment confidence by achieving 95%+ test coverage using Jest and Supertest; implemented modular test architecture.
  * Maintained 95% sprint velocity by partnering with PMs and QA leads across 20+ Agile sprints.
  * Optimized frontend rendering and reduced page load latency on mobile/web platforms by refactoring UI components.

– **Ajackus Internal:**

  * Mentored 5+ junior engineers through pair programming and reviews, leading to 2 promotions and faster ramp-up time.

* Reduced API error rates by 25% by building and testing two microservice-based projects using Node.js and PostgreSQL.
* Standardized engineering practices by introducing reusable patterns, project skeletons, and technical documentation.
* Conducted 50+ interviews and led internal sessions on microservices architecture and test-driven backend development.

Software Developer — Softway Solutions   Bangalore, India
Oct 2019 – Sep 2020

- Reduced admin effort by 40% by building a Vue.js + Ruby on Rails BI dashboard for leave tracking, project reporting, and operations.
- Eliminated 70% of manual Jira updates by developing a 2-way task sync microservice with Node.js and AWS Lambda.
- Saved 6+ hours weekly for managers by engineering a serverless reporting engine that automated report generation and email delivery.
- Improved dashboard load time by 50% by optimizing PostgreSQL queries and frontend logic.
- Enhanced onboarding speed and developer efficiency using Docker-based local environments.
- Delivered 90%+ sprint success rate through collaborative sprint planning with cross-functional teams.
- Elevated team capability by mentoring junior engineers and fostering a learning-oriented engineering culture.

Software Developer — Decabits Software   Delhi, India
Feb 2019 – Sep 2019

- Launched EntNetwrk Android app with modular architecture; scaled to 10K+ downloads and reduced crash rate via profiling.
- Increased HR system efficiency by 30% by developing RESTful APIs for Engagepulse onboarding and automation features.
- Enhanced backend stability by 30% through migration of 50+ endpoints from Parse Server to Java Spring Boot.
- Boosted healthcare module efficiency by 20% by improving CI pipelines and test reliability.
- Authored technical documentation to support long-term maintenance, upgrades, and knowledge transfer.

PERSONAL PROJECTS

- **LMSBuddy – Learning Management System:** Designed a full-stack LMS platform using React.js, React Native, and Go, deployed for institutions. Mentored 2 junior engineers and reduced admin workload by 50%. [Live Link](#)

- **Driveaze – Vehicle Services App:** Built an Android app for real-time breakdown support and subscriptions with a modular architecture.

- **People's Blood Bank:** Community-focused app to help users find and request blood donors during emergencies.

- **IR Fare Difference Calculator:** Built a fare difference calculator for Indian Railways for seamless travel class upgrades.

EXTRACURRICULAR ACTIVITIES

- **Program Coordinator – IEEE Chapter, TMU**   2017–2019

- **Speaker & Volunteer – Strategic Planning Conference, Tech Workshops**   2018–2019

- Led multiple student workshops on modern tech stacks and software engineering practices.