RUSHABH SURENDRA SHAH

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🔗 Github: **whysorush** | Linkedin: **rushabh-shah** | **Tech-blogs** | **Portfolio**

Passionate Full Stack Engineer (4.5 YOE) focused on architecting robust, high-performance applications. Expertise across the full software development lifecycle, leveraging key technologies including React.js, Angular, Node.js, Express.js, TypeScript, Microservices, database management (MySQL, PostgreSQL, MongoDB), and cloud deployment (AWS). Proven ability to bridge seamless user interfaces with scalable backend systems.

EDUCATION

Bachelor of Engineering – University of Mumbai (2016 – 2020)

📌 **CGPA: 7.9/10.0**

- **Relevant Courses**: Data Structures, Algorithms, System Design, Database Management, Web Development

TECHNICAL SKILLS

- **Language and Database**: JavaScript, TypeScript, HTML, MongoDB, MySQL, PostgreSQL, Database Design, Sequelize, Mongoose
- **Frameworks & Libraries**: Node.js, Express.js, Angular, React.js (AI-powered), Redux, jQuery, Tailwind CSS, SASS, TensorFlow, AI Agents
- **Tools & Platforms**: Git, GitHub, Docker, AWS (EC2, S3, CloudWatch), Jest, NPM, OpenAI API, Cursor.ai, AI-driven DevOps, Jenkins
- **Other Expertise**: RESTful APIs, Microservices, AI Agents, Generative AI, LLMs, Autonomous AI, Backend Optimization, Agile Development, End-to-End Testing, Integration Testing, Event-Driven Architecture, Serverless

WORK EXPERIENCE

Software Solutions Engineer | Gupshup Pvt. Ltd. (Oct 2021 – Present)

- Developed & deployed AI agents, automating workflows and reducing manual workload by 50%, significantly improving operational efficiency.
- Designed AI-driven automation systems, leveraging LLMs & Generative AI, cutting response time by 60% and **boosting operational efficiency by 30%.**
- Engineered an AI-powered chatbot automation tool, reducing development time by 80% for client projects.
- Architected a payment solution product (WA Pay), decreasing manual integrations by 70% and improving system scalability.
- Optimized project workflows, increasing overall delivery efficiency by 25%.

Software Engineer, Reliance jio limited. | (Aug 2020 – Oct 2021)

- Contributed to core product enhancements that helped reduce specific crash instances by 20% in subsequent releases.
- Improved project success rates by 10% through cross-functional collaboration, introducing agile refinements.

Software Development Engineer (Founding Engineer) | InvestKarr

- Established real-time transaction tracking for a fintech platform, enhancing financial operations. by enabling reporting speeds 10x faster than the previous batch system.
- Optimized database queries for handling 3-4 million daily transactions, reducing query execution time by 70%.
- Implemented cloud infrastructure (AWS EC2, S3) for seamless deployment and scaling.
- Designed and integrated a retry mechanism for failed cron jobs, ensuring system reliability.

SDE (Founding Engineer) | Sehateasy (Nov 2020 – Oct 2021)

- Rebuilt a legacy appointment booking system using Angular & Node.js, boosting bookings by 6,000+ per month.
- Developed a CRM from scratch (MEAN stack), onboarding 50,000+ active users.
- Streamlined project workflow, enhancing efficiency by 40%.

Full Stack Developer Intern | Harrier Information Systems (Nov 2019 – Feb 2020)

- Expanded a compliance register for GOVEVA, automating data processing and storage .
- Created an automated tool, improving productivity by 30% and reducing manual tasks by 70%.
- Led a team initiative to enhance compliance management resulting in a 25% reduction in time needed for internal audit

PROJECTS, HACKTHONS & RESEARCH PAPERS

- **Space Breaker:** Developed a game using Unity 3D with interactive and engaging experiences.
- **Deadliner**: Built the backend for a project timeline management software using Node.js, Express, and MongoDB.
- **RushyourData**: Currently working on developing a tool for graphical data representation, demonstrating an ongoing commitment to expanding your skill set and addressing data visualization needs.
- **Published Research Paper** - Title: 'Developing Markerless Augmented Reality for Furniture Mobile Application' - Published in the International Journal of Engineering and Manufacturing (IJEME) in 2021.
- **Achievements**- Runner up in the National level hackathon SMART INDIA HACKATHON 2019.

COURSES

- Full Stack Development with React & Node JS
- Node.js Essential Training (LinkedIn Learning)
- Angular Essential Training (LinkedIn Learning)
- Building Angular and Node Apps With Authentication (LinkedIn Learning)
- Handheld AR App Development with Unity (Coursera)

CODING COMPETITIONS

- Google Kick Start
- Smart India Hackathon
- International Blockchain
- Hackathon by IET
- Teknack Game Developer
- Competition
- HackerEarth

LINKS

- **Github**
- **Linkedin**
- **Stackblitz (IDE)**
- **Hashnode (Blogs)**
- **Medium (Blogs)**
- **Projects & certificates**