

# SHOAIB PATEL

Full Stack Developer | **MERN** Stack Expert with 3+ Years of Experience  
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## SUMMARY

Experienced Full Stack Developer with **3+ years** of hands-on experience specializing in the **MERN Stack**. In designing and developing **scalable web applications** with proficiency in **JavaScript, React.js, Node.js, Express**, and **MongoDB**. Expertise in **API development**, and automating workflows to enhance efficiency, reduce errors, and increase deployment speed. I am committed to delivering high-performance solutions within versatile IT environments, focusing on security, scalability, and user experience.

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## SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS3
  - **Frameworks & Libraries:** React, Redux, Express, Material UI, Ant Design
  - **Platforms:** Node.js
  - **Architectures:** RESTful APIs, MVC
  - **Databases:** MongoDB
  - **Version Control:** GitHub
  - **Tools & Technologies:** JIRA, Postman, Swagger API
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## PROFESSIONAL EXPERIENCE

### Software Engineer

[Iorta Solutions Technology, Hyderabad, IN](#)

Feb 2023 – Present

- **Frontend & Backend Development:** Commanded end-to-end full-stack development initiatives, architecting advanced user interfaces with React.js while strategically optimizing backend infrastructure through Node.js and Express.
- **API Development & Optimization:** Created and optimized **100+ APIs**, including advanced **JWT Authentication** for secure user login and **API Rate-Limiting** to enhance security. Improved API response time.
- **PDF Generation Automation:** Engineered a system for generating **40+ PDFs** in a single API request.
- **Database Management & Optimization:** Managed a database of over 40,000 users, implementing **TTL (Time to Live) indexing** for automatic data cleanup.
- Optimized **query performance** by aggregating the database with indexed key fields, improving performance and **Search time**.
- **Encryption & Data Security:** Enforced **advanced encryption protocols** for secure data exchange, reducing breaches.
- **Automation & Workflow Optimization:** Automated the key workflows through **Excel uploads** for bulk user creation, policy and quotation generation, and onboarding, saving hours of manual work weekly.
- **Reporting Automation:** Developed systems to generate **daily, weekly, and monthly** production reports, eliminating manual processes, and improving accuracy.
- **Agent Onboarding Flow:** Led the implementation of the agent onboarding system, integrating frontend with backend logic, improving onboarding efficiency.

**Comprehensive Operations:** Managed diverse backend tasks such as CDN operations, PDF creation and merging, OTP generation, JSON-to-Excel and HTML-to-PDF conversions, CRUD operations, S3 bucket data management, and middleware development. Additional responsibilities included generating pre-signed URLs, managing shareable and expiry links, handling hierarchy and event management, implementing Joi validation, and optimizing overall backend processes for seamless application performance

# Junior Software Developer

## Smart Software Services Pvt. Ltd, Pune

Jan-2022 to Jan-2023

- Created 30+ static HTML and CSS pages, ensuring responsiveness across various devices
- Tested 4+ applications for quality improvement.
- Debugged React.js applications, improving functionality and reducing load times.
- Made test cases and conducted QA testing on 4+ applications, raising bugs to improve quality.
- Prepared and submitted 20+ detailed reports and documentation, streamlining communication and reducing errors in development processes.
- Wrote reusable code reducing development time and increasing project maintainability across multiple applications.

## PROFESSIONAL PROJECT EXPERIENCE

### 1. SalesDrive Core – Aviva Insurance Application

*Technologies: JavaScript, React.js, Redux, Node.js, Express, MongoDB, AWS EC2*

- Revamped frontend architecture, with React.js, driving the increase in user engagement and optimizing UI/UX design principles to elevate user satisfaction and retention.
- Created robust backend architectures using Node.js and Express, delivering seamless API integration and achieving 35% faster API response times while significantly enhancing scalability and performance under high load conditions.
- Used **microservices architecture**, improving deployment time.

### 2. Kahoona Insurance for Singapore and the Philippines

*Technologies: HTML, CSS, JavaScript, Express, Node.js, MongoDB, AWS EC2, Redux, Ant Design*

- Architected and deployed comprehensive frontend and backend systems, implementing critical functionality and resolving high-impact bugs, leading to performance optimization and reduced application downtime.
- Elevated application performance using **AWS EC2** for cloud deployment and scaling.

## Personal Projects

- **Myntra Website Clone** Crafted a high-performance, fully responsive e-commerce platform using React.js and Node.js, architecting a solution that enhanced cross-platform compatibility and delivered a superior user experience.
- **Kimye Fruit Website Clone** Sculpted and deployed a scalable fruit delivery platform clone, leveraging modern UI/UX, significantly enhancing overall user satisfaction and operational throughput.
- **Dermastore Website Clone** Implemented a cosmetics e-commerce platform clone with full **CRUD** operations.
- **Estate Website Clone** Built a real estate management system with an interactive front end.
- **Google Map Navigator** Drafted a map navigation system using **Google Maps API**.

## CERTIFICATES

- Basics Of React Hacker Rank Certified
- Pro In React Cut Short Certified
- Pro Efficient React.js Tripple Byte Certified

## SOFT SKILLS

- Collaborative Problem Solver
- Deadline-focused
- Result-Oriented Mindset

## EDUCATION

**Bachelor of Technology in Mechanical Engineering**

Sinhgad College of Engineering Pune

Graduated: 2018-2021