Akash Pateliya

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WORK EXPERIENCE

JiBe Shipping ERP   Mumbai, India
Senior Software Engineer   *April 2021 - Present*

- Developed scalable and efficient **RESTful APIs** in **Node.js** using **TypeORM** and **MSSQL**, handling 500,000+ monthly requests and reducing API response time by 30
- Improved web application performance by 60% through **Angular LazyLoad** optimization and database query tuning.
- Migrated 5000+ crew records into **MSSQL** using **Talend**, reducing manual migration efforts by 80% and ensuring data accuracy.
- Enhanced legacy systems by replacing **Crystal Reports** with **js-report**, decreasing report generation time by 40% and improving flexibility and customization.
- Designed and implemented the **Crew Management backend**, automating onboarding and voyage workflows for 1000+ employees.
- Built seamless integration between **Angular** and **WPF** apps using a custom URL scheme, reducing cross-platform delays by 50% and improving user experience.
- Resolved 95% of reported bugs within 24 hours, significantly improving software reliability and production quality.
- Actively participated in **Agile development processes**, including daily stand-ups, sprint planning and retrospectives, driving continuous improvements in engineering excellence.

PROJECTS

Vehicle Configurator (v-conf)   Source Code

- Built REST APIs, ensuring **99.9% uptime** and efficient CRUD operations.
- Enhanced user experience with dynamic dropdowns via **AJAX** for car customizations.
- Automated PDF invoice generation using **JavaMail**, reducing manual errors by 90%.
- Secured customer data through encryption with **Jasypt**, ensuring compliance with privacy standards.

EDUCATION

CDAC - Vidyanidhi InfoTech Academy   Mumbai, India
Post Graduation Diploma in Advanced Computing; 74.30 %   *February 2021*

RDKF University   Bhopal, India
B.Tech in Agricultural Engineering; CGPA: 6.86   *June 2019*

SKILLS

Technical Skills: Web Development • Desktop Application Development• Data structure and Algorithm

Programming Languages: JavaScript • TypeScript • Java • C#

Frameworks: Node.js (TypeORM, Express.js) • Angular • WPF • ASP .NET • Spring Boot

Databases: MSSQL • MySQL