

Vishal, Senior Software Engineer

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PROFILE

Highly skilled software engineer with a passion for crafting innovative solutions. Proven expertise in designing, developing, and deploying robust web applications. Adept at leveraging modern technologies like Angular, Node.js, React, and cloud platforms (Azure, AWS) to deliver high-quality, scalable, and secure software systems. Proven ability to work independently and collaboratively in agile development environments, consistently exceeding expectations and delivering projects on time and within budget.

EMPLOYMENT HISTORY

Nov 2021 — Present

Senior Software Engineer, Jellyfish Technologies

Noida

- **Technology-Enabled Insurance Outsourcing:** Driving innovation at Patra Corporation, a leading provider of technology-enabled insurance outsourcing solutions.
- **Streamlined Workflow Solutions:** Developed and implemented major functionalities for multiple applications, optimizing workflows and enhancing efficiency for process executives, team leads, and managers.
- **Enhanced Security with AWS:** Collaborated on improving infrastructure security by implementing dynamic key allocation for machines, both within and outside AWS networks.
- **Agile Development Practices:** Actively participated in requirement analysis, story pointing sessions, and quarterly planning, ensuring alignment with product vision and business objectives.
- **Versatile Application Ownership:** Served as a key contributor and owner of multiple applications within the PatraCorp suite, delivering critical services to clients.
- **Time Tracking Innovation:** Designed and built a comprehensive time tracking application to monitor and optimize resource utilization across various PatraCorp applications.
- **Technical Skills:** Javascript, Nodejs, Python, AWS, Cloud Computing, DevOps, Agile Methodologies
- **Soft Skills:** Problem-solving, Teamwork, Communication, Leadership

Aug 2019 — Oct 2021

Software Engineer, Teksystems Global Services

Bangalore

- **Technology Migration and Modernization:** Successfully migrated a high-traffic application, Issue Track, for Charter Communications to cutting-edge technologies like .NET Core and Angular, significantly improving system performance and scalability.
- **Frontend Development:** Engineered robust frontend components, including grids and sidebars, to enhance user experience and drive user engagement.
- **Backend Development:** Developed REST APIs and integrated them with the Angular application, optimizing data transfer and ensuring seamless communication between frontend and backend.
- **State Management and Performance Optimization:** Implemented NGRX for efficient state management, resulting in improved application performance and responsiveness.
- **Real-time Communication:** Integrated RabbitMQ to enable real-time messaging, facilitating efficient communication between system components and ensuring timely updates.
- **Database Optimization:** Crafted tailored stored procedures to optimize database performance and maintain data integrity, handling thousands of daily complaints, issues, and queries.
- **CI/CD Pipeline Implementation:** Led the setup and configuration of Azure Pipelines, streamlining the deployment process for new services and significantly reducing time-to-market.
- **Microservices Integration:** Successfully integrated multiple microservices with external APIs from industry leaders like Salesforce and Oracle, enhancing system interoperability and functionality.
- **Core Library Development:** Led the creation of reusable .NET Core library components, promoting code reusability and maintainability across multiple projects.
- **Asynchronous Communication:** Implemented Azure Event Service Bus to facilitate asynchronous communication between microservices, improving system scalability and resilience.
- **Technical Skills:** .NET Core, Angular, REST API, NGRX, RabbitMQ, SQL, JavaScript, TypeScript, HTML, CSS
- **Soft Skills:** Problem-solving, Teamwork, Communication, Time Management, Adaptability, Attention to Detail.

EDUCATION

Aug 2015 — May 2019

B. Tech, Lovely Professional University

Jalandhar

SKILLS

JavaScript	Expert	SQL	Experienced
Angular	Experienced	Microsoft Azure	Experienced
Nodejs	Expert	AWS	Experienced
C# .NET	Experienced	NestJS	Expert

HOBBIES

Basketball, F1 and video games

INTERNSHIPS

Jan 2019 — Apr 2019

Project Trainee, Teksystems Global Services

Hyderabad

- **Full-Stack Web Application Development:** Developed a social media web application using the MEAN stack, implementing features such as search, likes, and comments.
- **Frontend Development:** Engineered robust frontend components in Angular, leveraging RxJS for efficient state management.
- **Backend Development:** Built REST APIs using Express.js to power the frontend application, handling data requests and responses efficiently.
- **Database Integration:** Integrated MongoDB to store and retrieve user data, posts, and interactions.
- **Technical Skills:** Angular, Node.js, Express.js, MongoDB, RxJS, HTML, CSS.