

Varun Sharma

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EXPERIENCE

Senior Full Stack Engineer - Accenture

2020–Present

Project: Supplier on-boarding and payment integration application, simplifying financial interactions

- Revamped leading banking client's payment gateway with Redux Saga, achieving substantial performance gains and a notable 30ms app responsiveness boost
- Mitigated memory leaks with targeted cleanup functions, resolving over 300 warnings and fortifying application stability
- Streamlined REST API calls and app-wide state changes through Redux integration, leading to a noteworthy 40% reduction in necessary API requests
- Implemented event throttling techniques, resulting in an average 65% reduction in state updates for form components
- Deployed React and Node.js app on Kubernetes, utilizing Docker, Nginx, and Microsoft Container Registry to accommodate up to 10,000 concurrent users while ensuring stable performance
- Engineered a collaborative editing component using WebRTC, empowering up to 10 users to seamlessly edit information simultaneously in real-time
- Optimized application memory utilization, minimizing garbage collector invocations and delivering substantial performance improvements
- Spearheaded and co-authored the implementation of a highly efficient JWT-based authentication system using Node.js and Express, resulting in a 50% reduction in login-related support tickets and enhancing user satisfaction
- Mentored and instructed a team of 7 developers on React, Redux toolkit, Redux saga, Azure, AWS

Project: Exception details application, providing users with insightful perspectives for informed decision-making

- Initiated and guided retrospectives to identify areas for improvement, leading to the implementation of new strategies that reduced customer support response time by 25%
- Enhanced Angular app efficiency by integrating NGRX store for Redux state management, leading to 40% reduction in unnecessary re-renders
- Incorporated and promoted RxJS to implement reactive programming patterns, enabling efficient data handling and real-time updates across complex application workflows
- Built and demonstrated high-efficiency CI/CD pipelines with Azure DevOps, utilizing Bash and PowerShell scripting to reduce deployment time from 2 days to 6 hours
- Developed AWS Lambda function using Boto3 to automate periodic file deletion from AWS S3, resulting in storage optimization and reducing monthly usage from 5TB to 2GB
- Presented Agile and Scrum methodologies to cross-functional teams, fostering a culture of collaboration and streamlining development processes; achieved a 25% increase in on-time project delivery
- Motivated team adoption of Agile practices for efficient coordination and project execution
- Conducted regular stand-up meetings, solving issues in real-time and volunteering insights to ensure smooth progress within the software engineering team
- Spearheaded the implementation of streamlined communication channels, enabling efficient synchronization across Agile development projects, ultimately accelerating project completion by 15%

CERTIFICATIONS

Microsoft Certified Azure Administrator Associate

Microsoft Certified Security, Compliance, and Identity Fundamentals

EDUCATION

Dr. APJ Abdul Kalam Technical University

Uttar Pradesh, India

Master of Computer Application

2018–2020

University Of Delhi

Delhi, India

Bachelor Of Science(Hons.) Computer Science

2015–2018

TECHNICAL SKILLS

ANGULARJS, BITBUCKET, NGRX, REDUX, MOCHA, FRONTEND, JIRA, EEO, CONFLUENCE, VUE, ES6, R, TRELLO, HTML5, CSS, REACT, WEBPACK, JAVASCRIPT, MySQL, POSTGRESQL, MONGODB, JEST, CYPRUS