

# PANKAJ KUMAR

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## Summary

Dynamic Senior Software Engineer with 8 years of experience driving enterprise-wide projects. Expertise in leading development teams and effectively communicating complex technical concepts to diverse stakeholders. Proven track record of delivering innovative solutions.

## Skills

- Full Stack Development
- Cloud Computing
- Design Reviews
- Research and Development
- HTML, CSS, SCSS, LESS, JavaScript, TypeScript, Angular, Reactjs, Redux, Nodejs, MongoDB, Express, GitHub, Bitbucket, AWS Services, CFT, CI/CD, IOT, Python, APIs

## Experience

**Senior Software Engineer**, 04/2020 to Current

GE Vernova – Bangalore

### Technical Expertise & Leadership:

- Led UI development for Advanced Modeling Platform (AMP), contract management/margin review application for Gas Power, managing contracts worth ~\$45B.
- Spearheaded iDAP, cloud-based machine data acquisition platform for Gas Power. Led development of monitoring module using AWS CloudFormation Templates (CFT) and CI/CD pipeline, significantly improving edge data processing to cloud.
- Engineered reliable utilities for seamless synchronization of CT Scan machine data to AWS S3, streamlining data access, management, and archival processes.

### Quality Assurance & Mentorship:

- Resolved 60+ bugs in Q1 2022, to ensure stable AMP application to ensure seamless Go Live
- Achieved 40% improvement in code quality through rigorous code reviews and process enhancements, while implementing Karma-Parallel testing to reduce deployment time by 40%.
- Mentored junior developers, fostering Frontend skills and team performance improvement.

**Software Engineer**, 12/2018 to 03/2020

Zycus Infotech Pvt. Ltd. – Bangalore

### Innovation & Development Leadership:

- Led successful implementation of diverse Proof of Concepts (POCs), including auctioning and supplier questionnaire projects, resulting in 30% increase in sourcing efficiency.

- Developed Common Components such as Custom Chat UI and table managing 10,000+ line items/event, widely adopted in procurement suites.

### **Collaboration & Quality Assurance:**

- Orchestrated UI Bot project, leading 3-member team to migrate data from legacy apps, resulting in streamlined operations and \$25M in added business value.
- Coordinated with engineers to optimize software/hardware interfaces, conducting regression testing to ensure product health and reliability.

### **UI/UX/Web Developer, 07/2016 to 12/2018**

#### **Bsharp Sales Enablers Pvt. Ltd. – Bangalore**

- Leveraged WordPress, HubSpot, and editing software to develop front-end websites, driving 20% increase in user click rates. Orchestrated strategic website development initiatives.
- Independently executed frontend UI implementations, achieving 40% boost in user satisfaction through seamless integration and intuitive design
- Implemented SEO best practices, securing 50% improvement in search engine rankings and achieving first-page listings for enhanced online visibility.
- Conceptualized and implemented intuitive web page designs using Balsamiq, resulting in 35% increase in user retention and improved site interactions.

### **Education**

**Master of Science:** Computer And Information Sciences, 06/2018

**Sai Nath University** - Ranchi, Jharkhand

**Bachelor of Science:** Computer And Information Sciences, 06/2016

**Sai Nath University** - Ranchi, Jharkhand

### **Accomplishments**

- Provided extensive documentation on apps to clients outlining all aspects of the implemented updates and changes, resulting in a 40% reduction in client support calls.
- Earned multiple Impact awards from GE Vernova, recognizing outstanding contributions that significantly improved project outcomes and enhanced team performance | [Link](#)
- Mentored 7 new employees to bring them up to speed on projects, resulting in quicker overall completion milestones.

### **Certifications**

- Certified SAlFe® 5 Practitioner Training - Apr23
- Online Application Security Testing Essential Training - Oct20
- Building RESTful APIs with Node.js, Express, MongoDB Essential Training - Mar20
- Angular2+ Full Course License - Mar18