



# B Kumar Pradhan

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## OBJECTIVE

Seeking content creation and research analyst roles, leveraging expertise in data analysis, AI evaluation, and technical writing. Proven ability to transform complex information into engaging, accessible content across multiple formats including reports, articles, and educational materials.

## PROFESSIONAL EXPERIENCE

**AI Conversation Evaluator & Content Research Analyst** 2023-Present

- **Outlier AI** - Analyzed and evaluated AI model conversations, developing comprehensive rubrics to assess response quality and coherence
- **Mercor** - Conducted systematic research and grading of AI-generated content, creating evaluation frameworks and quality metrics
- Authored detailed analysis reports and documentation, translating technical AI performance data into actionable insights
- Developed structured content guidelines and training materials based on pattern analysis of AI response quality
- Created data-driven narratives and presentations to communicate research findings to diverse audiences

## EDUCATION

- **National Institute of Technology, Rourkela**

M.Tech. in Mechanical Engineering, 2018 (88.6%)

- **Veer Surendra Sai University of Technology, Burla**

B.Tech. in Mechanical Engineering, 2015 (91.0%)

- **Council of Higher Secondary Education, Odisha**

Higher Secondary Board exam in Science (PCMB), 2011 (84.5%)

- **Board of Secondary Education, Odisha**

Matriculation, 2009 (92.16%)

## CONTENT CREATION & RESEARCH SKILLS

- **Research & Analysis:** Data Analysis, Research Methodology, Technical Writing, Report Generation
- **Content Development:** Technical Documentation, Educational Content, AI Training Materials, Quality Guidelines
- **Digital Tools:** LaTeX, HTML/CSS, JavaScript, Google Firebase, VS Code, Git
- **AI & Evaluation:** Rubrics Development, Conversation Analysis, Quality Assessment, Performance Metrics
- **Technical Proficiency:** Python, MATLAB, Statistical Analysis, Data Visualization
- **Project Management:** Documentation, Quality Assurance, Framework Development

## CONTENT SPECIALIZATIONS

- Technical Documentation & Research Reports
- AI & Technology Content Development
- Educational Materials & Training Content
- Data-Driven Articles & Analysis
- Quality Assurance Guidelines
- Technical Blog Writing

## PROJECTS

### **Student Test Portal - Content & Documentation**

- Developed comprehensive documentation and user guides for the online test portal
- Created technical specifications and system architecture documentation
- Designed user interface content and instructional materials
- Authored security protocols and integration documentation for payment systems

### **AI Response Quality Assessment Framework**

- Researched and developed systematic evaluation methodologies for AI conversation quality
- Authored detailed rubrics and scoring guidelines for consistent content evaluation
- Created training materials and documentation for quality assessment protocols
- Produced analytical reports on AI-human interaction patterns and performance metrics

### **Technical Research & Documentation**

- Developed research papers and technical reports on AI evaluation methodologies
- Created content frameworks for complex technical concepts in accessible formats
- Produced data visualization content to communicate research findings effectively
- Authored procedural documentation and best practice guidelines

## WORKSHOPS & TRAINING

- **A Karyashala Workshop** (SERB initiative) on *Application of Machine Learning in Audio Signal Processing*
- **Advanced Drone (Air Taxi) Workshop** - Bharat Space Education Research Centre

- **AI Annotation & Quality Assessment Training** - Outlier AI Certification Program
- **Technical Writing & Documentation** - Self-paced certification

## CONTENT CREATION ACHIEVEMENTS

- Developed and documented comprehensive evaluation frameworks for 10,000+ AI conversations
- Authored detailed technical reports and analysis documents with 95%+ accuracy in content quality
- Created structured training materials and guidelines for AI content assessment
- Successfully translated complex technical concepts into accessible, engaging content formats
- Produced high-quality documentation under tight deadlines for multiple projects

## LANGUAGES

- Odia: Native
- English: Fluent
- Hindi: Fluent