K Reena

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PROFESSIONAL SUMMARY

- Passionate Full Stack Developer with expertise in the MERN stack, Machine Learning Models, and backend development. Skilled in designing and developing scalable web applications, integrating APIs, and optimizing database performance.

TECHNICAL SKILLS

- **Programming Languages**: JavaScript, Java, Python
- **Frontend**: HTML, CSS, React.js, Tailwind CSS
- **Backend**: Node.js, Express.js, MongoDB
- **API Development**: RESTful APIs, Postman
- **Machine Learning**: Fundamentals of AI/ML
- **Version Control**: Git, GitHub
- **Cloud Computing**: AWS Basics
- **Soft Skills**: Teamwork, Communication, Problem-Solving, Adaptability

EDUCATION

- **Rungta College of Engineering and Technology** Kohka, Chhattisgarh
  B.Tech, Computer Science *2022 – 2026*

- **Sree Narayana Guru Vidya Bhavan** Bhilai, Chhattisgarh
  Class 12 (Science): 78.8%, Class 10: 88.8%

PROJECTS

- **Real-Time Location Tracker (Node.js + Socket.io)**:
  - Developed a live location tracking system with real-time updates for multiple users.
  - Implemented interactive Leaflet.js map with dynamic markers and automatic disconnection handling.
  - Optimized WebSocket communication to achieve sub-second latency for 50+ concurrent users.

- **AI Mental Fitness Tracker**:
  - Built predictive models (Linear Regression, Random Forest) using Python and Scikit-learn.
  - Analyzed mental health indicators from WHO dataset with 85% accuracy.
  - Created interactive visualizations for fitness trend tracking.

- **CodeFixer AI**:
  - Developed an AI-powered code review tool using React, Node.js, and Google's Gemini API.
  - Built a responsive editor with real-time syntax highlighting (Prism.js) and Markdown rendering.
  - Engineered REST API endpoints with 92% accuracy in detecting bugs/security flaws.
  - Optimized AI prompts to follow strict code review best practices from system instructions.

LEADERSHIP & VOLUNTEERING

- **Rungta Business Incubator(RuBI), RCET** Kohka, Chhattisgarh
  Active Core Member *2023 – Present*
  - **Team Collaboration**: Work closely with fellow members to foster entrepreneurial spirit and organize startup-related events and workshops.

- **Volunteer, CHESS – Annual Startup Event** Chhattisgarh
  March 2025
  - **Event Organization**: Contributed to organizing one of Chhattisgarh's biggest startup events attended by 22+ VCs and investors.
  - **Networking** : Networked directly with multiple investors and startups.
  - **Event Coordination**: Supported event coordination, helping participants secure investments worth over INR 2 crores.

ACHIEVEMENTS & AWARDS

- **Hack for Impact Hackathon**: Secured 2nd place and received an award from BoAt CEO Aman Gupta.
- **Coding Competition**: Recognized for outstanding problem-solving skills in a university-level coding competition.