Harshit Rajput

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EDUCATION

- **Graphic Era Hill University** — Uttarakhand, India
  Bachelor of Technology in Computer Science; GPA: 7.76 — *Aug 2021 - Present*
  - **Relevant Coursework**: Data Structures, Algorithms, Web Development, Mobile App Development, Database Management Systems

- **Alma Mater Day Boarding School** — Bareilly, Uttar Pradesh, India
  Intermediate — *March 2018 - March 2020*

EXPERIENCE

- **Elevate Collab, GEHU** — Uttarakhand, India
  Project Lead — *Oct 2023 - March 2024*
  - : Developed a robust web application with categorization features for organizing posts and implemented secure user authentication and admin authorization systems to support a question paper website, ensuring data integrity and confidentiality.
  - : Leveraged cutting-edge web technologies and backend frameworks, enhancing user experience and optimizing data management, which led to a 40% reduction in load times.

PROJECTS

- **AI-powered Security System integrated with a Voice Assistant**:
  - Security Integration: Integrated facial recognition for user authentication, enhancing system security.
  - Automations: Constructed automation for YouTube Linux applications, and calls, including 16+ features.
  - Designed and implemented a personalized chatbot that successfully handled over 1,000 customer inquiries weekly; improved customer satisfaction ratings by 25%.
  - Configured automatic startup of critical background services on Linux system boot; increased system uptime by 15% and reduced manual intervention time by 25 hours monthly.

- **Leopard Deterrence System (React Native Application)**:
  - Developed a React Native app that sends real-time notifications and 10-second video clips of detected leopards using Firebase Cloud Messaging (FCM) and the Google Sheets API.
  - Configured notifications to trigger an alarm on the phone, alerting users when a leopard is detected nearby.
  - Could protect 1,000 plus rural residents and reduce leopard encounters by up to 70 percent if deployed in real time.

- **Chrome Extension**:
  - Engineered a Chrome extension "Connection Checker" to monitor and report internet connectivity every 3 seconds.
  - Utilized JavaScript and Chrome Extension APIs to create a user-friendly tool with real-time network status checks.
  - Received positive user feedback for enhancing productivity by preventing connectivity disruptions.

PROGRAMMING SKILLS

- **Languages**: C, C++, Python, HTML5, CSS3, SCSS, JavaScript, AJAX, ES-6+
- **Technologies**: Bootstrap ,React native, Node.js, Express.js, Flask, MongoDB, SQL
- **Tools**: Git/GitHub , Docker

AWARDS

- **Coding Ninjas**: Achieved **Ninja Dominator League** and solved 300+ problems. Profile
- **NASA Space Apps Challenge**: Awarded **Silver Medal** among 500+ teams for developing and visualizing real time NASA's climate dataset on a 3d model with 85% accuracy using machine learning techniques. Certificate
- **Served as Vice-Head, mentoring 20+ students on various college projects, resulting in a 30% increase in successful project completions.** :