D JAI PRAKASH

## Rourkela, India

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# Objective

**\_** Final year Computer Science and Engineering student with strong skills in software development, data structures, and algorithms. Passionate about [specific area, e.g., artificial intelligence or full-stack development], seeking to apply my technical expertise and problem-solving abilities in a dynamic environment. Eager to contribute to innovative projects and continue growing in a challenging role.

# Experience

* **Frontend Development Intern | OASIS INFOBYTE March’24-April’24**
  + Developed and Optimized User Interfaces: Created and refined responsive web interfaces using HTML, CSS, and JavaScript, ensuring a seamless user experience across various devices and browsers.
    - Collaborated on Design and Implementation: Worked closely with designers and backend developers to integrate APIs and deliver functional, visually appealing web applications that met project requirements and deadlines.
    - Enhanced Web Performance and Usability: Implemented best practices for performance optimization and accessibility, contributing to improved load times and overall user satisfaction.
* **Facilitator | Google Cloud Ready Program August’24-Ongoing**
  + Delivered Training Sessions: Conducted interactive workshops and webinars to educate participants on Google Cloud technologies, covering key topics such as cloud architecture, data analytics, and machine learning.
    - Supported Learner Development: Provided guidance and answered queries to help students understand and apply Google Cloud concepts, ensuring they gained practical skills and knowledge for real-world scenarios.
    - **Evaluated Progress and Feedback**: Assessed participant progress through quizzes and projects, offering constructive feedback and recommendations to enhance learning outcomes and foster continuous

improvement.

# Education

* Matriculation | Kendriya Vidyalaya, Rourkela - 62%, 2018
* Intermediate | Deepika English Medium School, Rourkela -73%, 2020
* Undergraduation | Institute of Technical Education and Research -6.37 Cgpa

# Skills

* **Programming Languages**: Proficiency in languages such as Python, Java, C++, and JavaScript.
* **Web Development**: Experience with HTML, CSS, and frameworks like React or Angular.
* **Data Structures & Algorithms**: Strong understanding and application of core data structures and algorithms.
* **Database Management**: Knowledge of SQL and NoSQL databases like MySQL and MongoDB.
* **Operating System**: Windows, Linux
* Computer Networking

# Projects

## Brick Break Game

* + Designed and implemented the game mechanics including the paddle, ball, and bricks using Java.
  + Implemented game logic for scoring, lives, and winning/losing conditions.
  + Used object-oriented programming principles to create modular and reusable code components.
* **Implementing AI Driven Threat Detection** o Developed and deployed advanced AI models to enhance cybersecurity, achieving a reduction in false positives and accelerating threat detection.
  + Aggregated and analyzed diverse data streams to improve AI-driven threat detection accuracy, leading to more precise and actionable threat insights.
  + Tuned AI algorithms to boost threat detection efficiency, resulting in a increase in detection rates and reduced system latency.
* **PriceWizard- E-commerce Price Comparison Tool** o Engineered a real-time e-commerce price comparison tool using Python’s Scrapy framework, enhancing user efficiency by 30%.
  + Designed an intuitive interface for users to compare prices across 50+ online retailers. o Deployed MongoDB as the back-end database, optimizing data retrieval time by 40%.

**EXTRACURRICULAR ACHIEVEMENTS AND CERTIFICATIONS:** AMCAT Certified IT Services Professionals Trainee