

PRIYANSHU RANJAN

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SUMMARY

Dedicated Computer Science student with hands-on experience in programming, cloud computing, and artificial intelligence. Proficient in GCP cloud technologies and skilled in designing neural networks and developing software solutions. Experienced in contributing to AI and cloud computing projects, focusing on delivering innovative and efficient outcomes. Excels in adapting to challenges, collaborating with diverse teams, and applying technical expertise to achieve measurable results.

ACADEMIC EXPERIENCE

VIT BHOPAL UNIVERSITY

BHOPAL, MP / INDIA

Hospital Management System

Sep 2023 – Nov2023

- Engineered a robust Hospital Management System utilizing JavaScript, Python, and HTML/CSS to digitize patient registration, appointment scheduling, and staff management, achieving a 30% reduction in manual workload.
- Designed a user-centric interface, boosting usability and accessibility, and improving user engagement metrics by 25%.
- Enhanced back-end performance by optimizing algorithms, reducing latency by 15%, and maintaining 99.9% uptime for seamless operational reliability.
- Instituted advanced data security measures, achieving full compliance with data protection standards and safeguarding sensitive patient information.
- Partnered with a multidisciplinary team of four to deploy a scalable system architecture, accommodating increased usage without compromising performance.

Career Counselling Platform

Jul 2022 – Dec 2022

- Spearheaded the development and successful deployment of an online platform designed to deliver personalized career guidance for students across diverse educational levels.
- Optimized visual design and integrated content enhancements, improving platform accessibility and user engagement.
- Contributed to feature development for resource curation and career path suggestions, ensuring a seamless and interactive user experience.
- Strengthened technical expertise in HTML, CSS, and JavaScript by collaborating with a team of five to implement scalable and reliable solutions.

EDUCATION

VIT Bhopal University

Bachelor of Technology in Computer Science (Cloud Computing and Automation)

Bhopal, MP, India

Expected Graduation: October 2026

- CGPA: 8.16

Boston Public School

Higher Secondary Education (Class 12)

Agra, UP, India

- Achieved 68.2%

KENDRIYA VIDYALAYA NO1 ,AFS AGRA

Secondary Education (Class 10)

Agra, UP, India
• Secured 89.6%

SKILLS

- **Programming Languages:**
 - Python, C, C++, Java, JavaScript
- **AI and Machine Learning:**
 - Generative AI concepts and applications
 - Neural Networks, AI fundamentals, and model development
 - PyTorch, NumPy, Pandas, Matplotlib
- **Cloud Computing and DevOps:**
 - Proficient in Google Cloud Platform (GCP) Foundations
 - AWS Academy Graduate – Cloud Practitioner Certification
 - Basic knowledge of DevOps tools and practices
- **Soft Skills:**
 - Strong problem-solving and critical-thinking abilities
 - Effective team collaboration and communication

CERTIFICATIONS

- **Nanodegree Program in Generative AI** – *Udacity*

Gained expertise in Generative AI concepts, tools, and practical project implementation.

- **Introduction to Generative AI** – *Google Cloud Skills Boost*

Mastered foundational concepts of Generative AI and its real-world applications.

- **AI Programming with Python** – *Bertelsmann (Udacity)*

Acquired skills in Python, NumPy, Pandas, Matplotlib, PyTorch, and Linear Algebra to design and develop neural networks.

- **HTML, CSS, and JavaScript for Web Developers** – *Coursera*

Learned web development basics, focusing on responsive design and creating dynamic web applications.

ACHIEVEMENTS AND PARTICIPATION

- **National-Level Olympiads in Science and Mathematics (Class 6–12)**

Demonstrated strong analytical and problem-solving abilities by actively participating in prestigious national-level Olympiads.

- **NTSE and KVPY Examinations**

Showcased academic excellence and a keen interest in research by competing in the National Talent Search Examination (NTSE) and Kishore Vaigyanik Protsahan Yojana (KVPY).

- **Inter-School Badminton Tournaments**

Represented school in competitive badminton events, honing skills in discipline, teamwork, and sportsmanship.